

SCH-a690 Series

A I I D I G I T A L
T E L E P H O N E

User Guide

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

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Contents

SCH-a690 closed view	1
SCH-a690 open view	2
Introduction	3
Key features of the SCH-a690.....	3
Understand your phone.....	4
Antenna	4
Backlight features	4
Clear key	4
End key.....	4
Headset connector	5
LED indicator	5
Right soft key.....	5
Left soft key	6
Push to Talk Key	6
Microphone.....	6
Speaker phone	6
Speaker phone key	6
Alpha-Numeric keypad	7
Send key.....	7
Navigation key	7
Volume Key	7
Get it now	8
Your phone's display	8
Install the battery	11
Remove the battery	11
Charge the battery.....	12
Battery indicator.....	13
Low battery indicator	13
Your phone's modes	14
Call Answer mode	14
Input mode.....	14
Lock Phone.....	14
Power save mode.....	14
Standby mode	15
Receive messages in standby mode.....	15
Talk mode.....	15
Vibrate mode	15
Silent mode.....	16

Get Started	17
Turn your phone on	17
Turn your phone off	17
Make and answer calls	18
Menus and sub menus	20
Navigation key shortcuts	23
In-Use menu	23
Menu navigation	24
Navigate using a shortcut	25
Accessibility	26
TTY/TDD	26
Calls	27
Outgoing	27
Incoming	27
Missed	27
Erase Logs	27
Call Timer	29
Call features	30
Call waiting	30
Caller ID	30
Call Block	30
Three-way calling	31
Push to Talk	32
Push to Talk Login	32
Push to Talk prompts during a conversation	33
Create and Manage your Push to Talk Contact List online .	33
Access the Push to Talk Contact List from your device	34
Initiate a one-to-one Push to Talk Call	34
End a one-to-one Push to Talk call	35
Initiate a one-to-many Push to Talk call	35
Initiate a Push to Talk call with the flip closed	36
Initiate a Push to Talk call from the Recent calls list	37
Initiate a Push to Talk call from the menu	37
Push to Talk dialing through the keypad	38
Receive a one-to-one barge call	38
Initiate a Push to Talk alert	38
Receive a Push to Talk alert	39
Push to Talk Silent Mode	39

The Phone Book.....	40
Open the Phone Book	40
Find.....	41
Add information to your Phone Book.....	43
Rename group.....	44
Edit Phone Book numbers.....	45
Pauses.....	45
Pause dial from the Phone Book.....	46
Manual pause calling.....	47
Erase individual phone book entries.....	47
Edit an existing e-mail address.....	48
Assign speed dial numbers	49
Store numbers after a call	49
Store numbers from call logs.....	50
Shortcuts to storing phone numbers.....	51
One-touch dialing	51
Two-touch dialing	51
Three-touch dialing.....	52
Memory dialing	52
My phone #.....	52
Messages	53
Mobile originating SMS text messaging	53
Create and send SMS text messages.....	53
Text entry modes.....	54
ABC mode	55
T9® Word mode	56
123 mode.....	57
Symbol mode.....	57
Message folders	58
Voice.....	58
Inbox.....	58
Outbox	59
Draft messages	60
Saved messages	62
WebAlert.....	63
Message settings.....	64
Erase Msg	65
Receive messages in standby mode.....	65
Receive and view messages while in a call.....	66

Review stored messages	66
Options while viewing a message	67
Mobile web	68
Launch the Mobile Web Service.....	68
Exit the Mobile Web Service	69
Mobile Web Service soft keys	69
Navigating the web.....	69
How Mobile Web Service keys work	70
Links	70
Make a call while using Mobile Web Service	71
Get It Now	72
Get It Now options.....	72
Planner.....	73
Open the planner.....	73
Today	73
Scheduler	75
Jump To Date.....	76
To Do List.....	76
Memo Pad	77
Count Down timer.....	78
Alarm clock.....	79
World Time	79
Calclator	80
Display	81
Animation	81
Create a banner	82
Set the backlight.....	83
Contrast.....	83
Auto hyphen	84
Service LED	84
Sounds.....	85
Ringer options	85
Adjust voice volume in a call	85
Ringer volume	85
Volume/Vibrate.....	86
Ringer type	86
Key beep	88
Alerts	88
Power on/off	91

Roam ringer.....	92
Whisper mode	92
Voice kit	93
Voice dial	93
Tips on recording names	93
Voice Memo.....	95
Call Screen	96
Setup	98
Location	98
Network	98
Data	99
Security.....	99
Call Answer	104
Auto Answer	104
Auto Retry.....	105
Language.....	106
Clock Set	106
Version	107
Usage guidelines:	
All about performance and safety	108
Getting the Most Out of Your Reception.....	108
Maintaining Safe Use of and Access to Your Phone.....	110
Caring for the Battery	113
Acknowledging Special Precautions and FCC	114
FDA Consumer Update	115
Owner's Record	127
User Guide Proprietary Notice.....	128
Limited Warranty.....	129
Index	135

SCH-a690 closed view



SCH-a690 open view



Introduction

Congratulations on your purchase of the Samsung SCH-a690 mobile phone. The SCH-a690 offers a mixture of features such as a large, high-resolution display, voice activated applications, Push to Talk, and more. We ask that you take time to read this guide and become familiar with your phone.

Key features of the SCH-a690

- Push to Talk
- Speaker phone
- Mobile Web browser
- Large, high-resolution color display
- Up to 500 memory locations in the Phone Book
- High speed data (CDMA 2000 1X Technology)
- Global Positioning Technology (GPS)
- Short Message Service (SMS) Messaging
- Voice Activated Applications
- 16 Polyphonic Ringtones
- TTY/TDD capable

How to use this guide

This user guide explains your Samsung SCH-a690 phone operations with easy-to-follow instructions and illustrations.

We've also included some important safety information that you should know before using your phone.

If you still have questions, we'll be happy to answer them. Just call our Samsung Customer Care Center toll-free at 1.888.987.HELP (4357).




Understand your phone

Antenna


The antenna is a device for transmitting and receiving signals. Use your phone only in the normal position and do not touch the antenna unnecessarily when the phone is active.





Backlight features

You can set the backlight for the keypad and display to remain on for a specified period of time using the **Backlight** sub menu.


- In standby mode, press the left soft key ( **Menu**), then press ,  to enter the backlight sub menu.

Clear key


 is used to erase/clear numbers from the display. It can also be used to return to a previous screen.

- If you enter an incorrect character, briefly press  to backspace and delete.
- To erase all digits or characters from the display screen, press and hold  until the characters are erased.
- To back up one menu level, briefly press .
- To return to standby mode from any menu, press and hold  until you return to standby mode.

End key

 is used to turn your phone on and off, to disconnect a call, or to cancel any input and return to the standby mode from any menu.

- Press and hold  to turn on your phone.
- Press and hold  to turn off your phone.

- Press  once to disconnect a call, return to standby mode, or cancel any input.

Headset connector

The headset connector is the input jack where the optional hands-free headset connects. The headset includes an earbud and microphone in a convenient, lightweight unit so you can talk without using your hands.


- Before connecting the headset, gently pry open the cover of the input jack on the phone to expose the connector inside.




LED indicator

There are two LED indicators on either side of the outside display. Both indicators work in unison and have the following functions.


- Flash to indicate an incoming call or message.
- Light momentarily when you power up the phone.
- Flash when the Service LED function is set to **On**.




Right soft key

Right soft key () functions are determined by what appears above it in the display. Some functions of the right soft key are as follows:

- Press the right soft key () **Back** to return to standby mode from any main menu.
- Press the right soft key () **Back** to return to the previous menu from any sub menu.
- In standby mode, press the right soft key () **Contacts** to enter the **Contacts** list.


Left soft key

Left soft key () functions are determined by what appears above the left soft key in the display. Some functions of the left soft key are as follows.

- Press the left soft key () in standby mode to enter the Main menu.
- Press the left soft key () to enter the **Option** menu (in some features).
- Press the left soft key () to acknowledge browser selections and other functions.

Push to Talk Key

Push to Talk allows you to use your phone similar to a two-way radio. The Push to Talk key is the oval, orange key on the left side of the phone.

- In standby mode, briefly press  to display the Push to Talk **Contact List**.



Push to Talk service is required. Check with Verizon Wireless for details.

Microphone


Located on the bottom of the phone, below the flip (when the flip is closed). The microphone is used for conversation and recording.

Speaker phone

Located on the bottom of the phone, just below the flip (when the flip is closed). The speaker phone allows you to listen to calls without using the earphone.

Speaker phone key


Located on the right side of the phone. Press and hold to turn the speaker phone on and off. When the speaker phone is





on, the speaker phone icon () appears in the main display and front display.

Alpha-Numeric keypad

Used to enter text, numbers, and special characters.


Send key

The send key () is used to answer calls, dial calls, and to recall the last number dialed:

- Press  once to answer calls.
- Enter a number and press  once to connect a call.
- Press  once in standby mode to display the most recently dialed number.
- Press  twice in standby mode to call the most recently dialed number.

Navigation key



Use any of the four directional keys on the navigation key to browse menus, sub menus, and lists. Each of the directional keys also act as a shortcut key to launch the **Message** menu, **Get it Now**, and **Mobile Web**. Use the OK key () to reply or confirm to prompts, jump to highlighted links in the web, and more.

Volume Key






The volume key () is on the left side of the phone.

- During a call, press the volume key up to adjust call volume up, or press the volume key down to adjust call volume down.
- With the flip open, use the volume keys to adjust the ringer volume in standby mode.
- With the flip closed, press and hold either volume key to turn on the backlight for the external display.

Get it now

Download games, ring tones, e-mail and more using **Get it now**. For more information on airtime charges, contact Verizon Wireless.

1. In standby mode, press the right navigation key . The **Shopping Cart** icon appears in the display.
2. Press  (**Start**). Your phone takes a moment to connect, then the following **Get it Now** options appear in the display.
 - **Get Games**
 - **Get Tones**
 - **Get Going**
 - **Get Fun**
 - **Get Mail**
 - **Get Pix**
3. Use the navigation key to highlight the category of your choice, then press .
4. Select the application you wish to download and follow the instructions on the display.

















For how to use Get It Now services, please see the Get It Now brochure or visit

<http://www.verizonwireless.com/getitnow>

Your phone's display

















Your phone displays icons to indicate network status, battery power, signal strength, connection type, and more. The tables in the following sections contain pictures of these icons as well as their descriptions.



General display screen icons

Icon	Name	Function
	Signal Strength	Appears when the phone is on and within a coverage area. More vertical bars indicate greater signal strength.
	Service	Indicates a call in progress. This icon flashes until the call connects.
	No Service	Indicates no signal. You cannot make or receive calls. Move into an open area or wait for a signal.
	Extended Roaming	Indicates outside your home area. Another service provider is handling your call. Roaming rates may be higher than home rates.
	New Message	Indicates you have received a new voice, text, page or web alert message.
	High Speed Data	Indicates the phone is capable of sending or receiving high speed data. Also indicates you are in Push to Talk mode.
	Vibrate	Indicates an incoming call will make the phone vibrate rather than ring.
	Battery Strength	Indicates the battery charge level. More black vertical bars indicate a greater battery strength.
	Alarm Clock	The alarm clock has been set.
	Ringer Silent	The ringer has been set to Silent.
	GPS (911 Only)	GPS is on for 911 (only).
	GPS (911 + Location)	GPS is on for 911 and Location.
	Silent Mode	Your phone is in Silent mode. All keypress tones are turned off.
	Speaker Phone on	The speaker phone is on.
	TTY/TDD	TTY/TDD has been enabled.
	IS95-2G Protocol	Indicates your phone is using the IS95-2G protocol. This protocol is not capable of high speed data.

Push to Talk display screen icons

The icons in the following table indicate various functions and/or status of your phone while in Push to Talk mode.

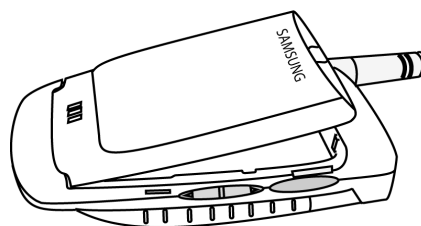
Icon	Name	Function
	Connecting to Group	You're connecting to a group discussion.
	Connected to Group	You're connected to a Push to Talk group.
	Connecting	You are connecting a Push to Talk call.
	Connected	Your Push to Talk call is connected.
	Group incoming	A group Push to Talk call is incoming.
	Group Outgoing	A group Push to Talk call is outgoing.
	Group Talking	A group Push to Talk call is taking place.
	Group Unavailable	The group is unavailable for discussion.
	Individual Incoming	A Push to Talk call is incoming.
	Individual Outgoing	An individual Push to Talk call is outgoing.
	Push to Talk Individual	The individual is talking.
	Individual Unavailable	The individual Push to Talk user is unavailable.
	Listening to Group	You are listening to a group discussion.
	Listening To	You are listening to another Push to Talk user.
	Missed call	You've missed a Push to Talk call.
	Speaker phone on	The speaker phone is on.

Icon	Name	Function
	Talking To Group	You are talking to a Push to Talk group. You currently "have the floor."
	Talking To	You are talking to another Push to Talk user (individual).


Install the battery

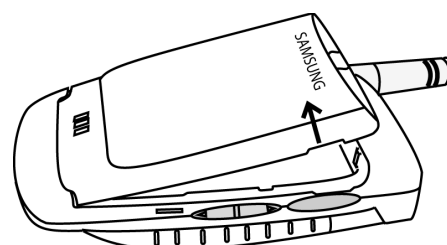
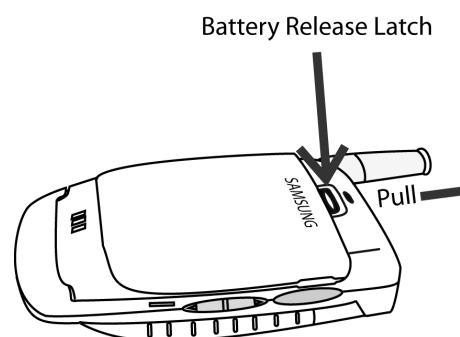
Your phone comes with a partially charged rechargeable standard Li-Ion battery and desktop charger. The phone can be used while the battery is charging, but must be fully charged before initial use otherwise you could damage the battery.

1. Insert the bottom end of the battery into the phone so the golden tabs match up with those on the phone.
2. Press the top part of the battery down until it snaps into place.



Remove the battery

1. If the phone is on, press and hold  to turn the phone off.
2. Use your fingernail or a coin to pull the battery release latch away from the phone and hold.
3. Use your fingers to grasp the battery on each side.
4. Pull the battery up to remove.



Charge the battery

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

Use the desktop charger

The desktop charger charges your phone 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. Insert 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.



Tip: You can use your phone while charging.




Tip: The battery charges faster if the phone is turned off.

The battery begins charging immediately and the LEDs on both sides of the outer display turn red. The LEDs indicate the charging status of the battery.


- **Red** indicates that the battery is charging.
- **Green** indicates that the battery is fully charged.

With the exception of the initial charge after you purchase your phone, you can place calls while the desktop charger is charging your phone.

Battery indicator

The battery indicator () in the upper-right corner of the display screen indicates the battery power level. Three bars indicate a full charge, while an empty battery icon indicates your battery is almost empty.

Low battery indicator

Two to three minutes before the battery charge level becomes too low to operate the phone, a blinking empty battery icon () appears in the display, and a tone sounds. If you continue to operate the phone without charging the battery, the phone shuts down. Be sure to monitor the battery strength icon and ensure your battery is adequately charged.

Your phone's modes

Call Answer mode

You can select how to answer your phone when receiving a call. The three ways to answer calls are:

- Send Key
- Folder Open
- Any Key



Call Answer is a sub menu of the **Setup** menu

(Menu , ).

Input mode

Use the input mode to enter text, numbers and symbols into such things as text messages and notes. Optional input modes are **ABC**, **Symbol**, **123**, and **T9 Word**. Press the soft key labeled **Option** at most text entry screens to display a pop-up menu containing these optional modes of text entry.

Lock Phone


The **Lock Phone** sub menu allows you to restrict outgoing calls. You can receive messages and calls, but outgoing calls are prohibited until you enter the lock code. **Lock Phone** is a sub menu of **Security** (Menu , ).

Power save mode


Your phone comes with a power save feature that automatically activates if your phone is unable to find a signal after 15 minutes of searching. The phone periodically rechecks for a signal automatically. To manually force the phone to recheck for a signal, press any key. A message on the display screen informs you when your phone is operating in the power save mode.

Standby mode

Standby mode is the state of your phone once it has found service and is in the idle state. Your phone goes into standby mode:

- After you power it on.
- When you press  after a call.

When in standby mode, you will see the time, day, and date as well as all other icons that indicate status.


- Press  at any time to return to standby mode.

Receive messages in standby mode


You can receive messages while in standby mode. An alert tone sounds and a notification message appears in the display once a new message arrives.

- Press the left soft key () to view the message.


Talk mode

You can only place and receive calls when your phone is powered on. While in a call your phone is in Talk mode. Press the left soft key () **Menu** to display a list of **In Use** options.


Vibrate mode

1. 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.


Adjust the ringer volume:

1. In standby mode, press the volume key () up or down to display the ringer volume.
2. Once the graphic appears in the display, press the volume key up or down to adjust call ringer volume.

Available ringer volume settings for calls are as follows:

- **Silent**
 - **1-Beep**
 - **Vibrate**
 - **Vibrate+Ring**
 - **Level 1**
 - **Level 2**
 - **Level 3**
 - **Level 4**
 - **Level 5**
3. Once the desired ringer volume level appears in the display, press  to save the setting.




The vibrate icon () appears in the top of the standby mode display when your phone is in **Vibrate** or **Vibrate+Ring mode**.


Silent mode

When your phone is in Silent Mode, it will vibrate (not ring) for all calls, alerts, and Push to Talk sounds (Push to Talk audio goes to the earpiece only, no speakerphone, etc.).

Enter Silent Mode

- In standby mode, press and hold . **Entering Silent Mode** appears in the display.

Exit Silent Mode

- In standby mode, press and hold . **Exit Silent Mode** appears in the display.

Get Started

Turn your phone on


1. Open the flip.
2. Press and hold  for two or more seconds.




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

3. The phone powers up and Verizon Wireless momentarily appears in the display. Your phone begins searching for a network signal.
4. Once a signal is found, the time, date, and day appear in the bottom of the display.
5. You're now ready to place and receive calls.




If the phone is outside of your carrier's coverage or roaming area,  appears in the top line of the display. This indicates you cannot place or receive calls. Try later when service is available.

Turn your phone off

- Press and hold  for two or more seconds. Your phone powers down.


Make and answer calls

Outgoing

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

Incoming

- If the caller can be identified, the phone displays the caller's number (or name, if it is in your Phone Book).
- If the caller can't be identified, the display indicates the number is restricted or not available.

The following are the various methods for answering an incoming call. These options can be accessed and changed in **Call answer**, and **Auto Answer**, which are sub menus of the **Setup menu (Menu )**.



- Send Key
- Folder Open
- Any Key
- Preset the **Auto Answer** feature for automatic pickup

When you receive a call, 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.

Silence an incoming call

Silence an incoming call ringer one of two ways.



- Press the volume key () on the left side of the phone.
- Press .

Call notification features

Your phone provides the following call notification features.

- Nine ring volume settings including **1- beep**, **Vibrate**, **Silent**, or **Vibrate+Ring**.
- Different ring types and melody tones to distinguish callers.
- Name display with Caller ID. (If the caller's name is programmed into your Phone Book).
- Automatic storage of incoming call information to a call log. (The last 20 calls that you answered are stored in an incoming call log list and the last 20 calls that you missed are stored in a missed call log list).

Auto LCD off

To prolong the life of your battery, the display goes dim after your screen is idle for five seconds. This setting can be adjusted in **Backlight**, which is in the **Display** menu (**Menu**  , ).

Menus and sub menus

1 CALLS	5 Draft Msg	<i>7 Busy</i>
1 Outgoing	6 Saved Msg	<i>8 On my way</i>
2 Incoming	7 WebAlert	<i>9 Will arrive 15m</i>
3 Missed	8 Msg Setting	<i>10 Thank you</i>
4 Erase Logs	<i>1 New Message</i>	<i>11 Love you</i>
<i>1 Outgoing</i>	<i>1 Save in Outbox</i>	<i>12 - 20 Blank</i>
<i>2 Incoming</i>	<i>2 Callback #</i>	6 Voice Mail #
<i>3 Missed</i>	<i>3 Entry Mode</i>	9 Erase Msg
<i>4 All calls</i>	<i>4 Delivery Ack</i>	<i>1 Voice</i>
5 Call Timer	<i>5 My Signature</i>	<i>2 Old Inbox</i>
<i>1 Last Call</i>	<i>2 Msg. Alert</i>	<i>3 New Inbox</i>
<i>2 Total</i>	<i>1 Volume/Vibrate</i>	<i>4 Outbox</i>
<i>3 Lifetime</i>	<i>2 Type</i>	<i>5 Draft Msg</i>
<i>4 Erase total</i>	<i>1 Voice Mail</i>	<i>6 Saved Msg</i>
6 Contact List	<i>2 Page</i>	<i>7 All Messages</i>
2 PHONE BOOK	<i>3 Text</i>	4 MOBILE WEB
1 Find	<i>4 Web Alert</i>	1 Get In Web
<i>1 By Name</i>	<i>3 Reminder</i>	5 PLANNER
<i>2 By Entry</i>	<i>3 Scroll Timer</i>	1 Today
<i>3 By Group</i>	<i>Off</i>	2 Scheduler
2 Add	<i>1 Second</i>	3 Jump To Date
3 Rename Group	<i>2 Seconds</i>	4 To Do List
<i>1 Friend</i>	<i>3 Seconds</i>	5 Memo Pad
<i>2 Family</i>	<i>4 Seconds</i>	6 Count Down
<i>3 Colleague</i>	<i>5 Seconds</i>	7 Alarm Clock
<i>4 VIP</i>	<i>4 Auto Delete</i>	<i>Once</i>
<i>5 No name</i>	<i>Warning Msg</i>	<i>Daily</i>
4 My Phone #	<i>Auto Delete</i>	<i>Off</i>
5 Memory	5 Canned Msg	8 World Time
3 MESSAGE	<i>1 Yes</i>	9 Calculator
1 Send New Msg	<i>2 No</i>	6 DISPLAY
2 Voice	<i>3 Call me</i>	1 Animation
3 Inbox	<i>4 Need directions</i>	<i>1 Opening</i>
4 Outbox	<i>5 Where are you?</i>	<i>Aurora</i>
	<i>6 Will call later</i>	

Menus and sub menus (cont.)

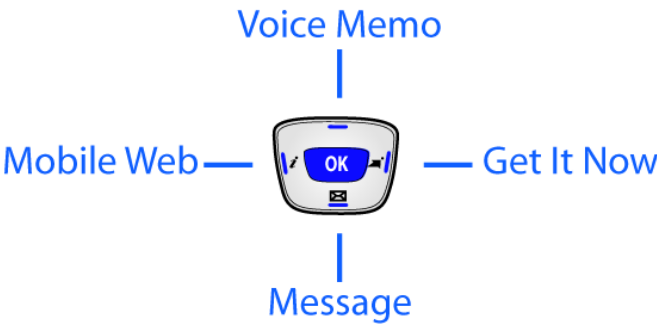
<i>Sailing</i>	2. Alarm	4 Disconnect
<i>Fall</i>	<i>Silent</i>	<i>On</i>
2. Closing	1 Beep	<i>Off</i>
<i>Aurora</i>	<i>Vibrate</i>	5. Fade
<i>Sailing</i>	<i>Vib + Ring</i>	<i>On</i>
<i>Fall</i>	<i>Level 1-5</i>	<i>Off</i>
3. Wall paper	2 Ringer Type	6. Roam
<i>Landscape</i>	1 Calls	<i>On</i>
<i>Water Drop</i>	<i>Bell 1-5</i>	<i>Off</i>
<i>Clock1</i>	<i>Melody 1-10</i>	7. Privacy
<i>Dual Clock</i>	2 Alarm	<i>On</i>
<i>Calendar</i>	<i>Bell 1-5</i>	<i>Off</i>
<i>Aquarium</i>	<i>Melody 1-10</i>	5 Power On/Off
2 Banner	3 Data	<i>On</i>
3 Backlight	<i>Bell 1-5</i>	<i>Off</i>
5 Seconds	<i>Melody 1-10</i>	6 Roam Ringer
10 Seconds	4. Planner	<i>On</i>
15 Seconds	<i>Bell 1-5</i>	<i>Off</i>
Folder Open	<i>Melody 1-10</i>	7 Whisper Mode
Power Save	3 Key Beep	<i>On</i>
4 Contrast	1 Volume	<i>Off</i>
1 Main Display	<i>Silent</i>	8 VOICE KIT
2 Front Display	<i>Level 1-5</i>	1 Voice Dial
5 Auto Hyphen	2 Tone Length	1 Record
No	<i>Long</i>	2 Review
Yes	<i>Normal</i>	3 Erase All
6 Service LED	4 Alerts	<i>Yes</i>
No	1 Minute Beep	<i>No</i>
Yes	<i>On</i>	4 Set Active
7 SOUNDS	<i>Off</i>	<i>[*] Only</i>
1 Volume/Vibrate	2 Service	<i>[*]/Folder</i>
1 Calls	<i>On</i>	<i>[*]/EarMic</i>
<i>Silent</i>	<i>Off</i>	2 Voice Memo
<i>1 Beep</i>	3 Connect	1 Record
<i>Vibrate</i>	<i>On</i>	2 Review
<i>Vib + Ring</i>	<i>Off</i>	3 Erase All
<i>Level 1-5</i>		<i>Yes</i>
		<i>No</i>

Menus and sub menus (cont.)

3 Call Screen	2 Baud Rate	5 Call Answer
1 On/Off	<i>Auto</i>	Send Key
<i>Enable</i>	<i>19200</i>	Folder Open
<i>Disable</i>	<i>38400</i>	Any Key
2 Inbox	<i>57600</i>	6 Auto Answer
3 Greeting	<i>115200</i>	Off
<i>1 Record</i>	<i>230400</i>	After 5 sec
<i>2 Play</i>	4 Security	After 3 sec
<i>3 Select</i>	1 Lock Phone	After 1 Sec
Recorded	<i>Never</i>	7 Auto Retry
Default	<i>On power up</i>	Off
4 Call Sound	<i>Now</i>	Every 10 sec
<i>Enable</i>	2 Change Lock	Every 30 sec
<i>Disable</i>	3 Emergency #	Every 60 sec
5 Wait Time	<i>1 911</i>	8 Language
<i>Off</i>	<i>2 #911</i>	English
<i>after 3sec</i>	<i>3 *911</i>	Spanish
<i>after 5sec</i>	4 Voice Privacy	9 Clock Set
<i>after 10sec</i>	<i>Standard</i>	1 Main Clock
9 SETUP	<i>Enhanced</i>	2 Dual Clock
1 Location	5 Restriction	0 Version
Location On	<i>1 Outgoing</i>	
911 Only	No	
2 Network	Yes	
1 Set NAM	<i>2 Incoming</i>	
<i>NAM 1</i>	No	
<i>NAM 2</i>	Yes	
2 Roam Option	<i>3 Phone Book</i>	
<i>Home only</i>	No	
<i>Automatic</i>	Yes	
3 Data	6 Erase Memory	
1 Auto Detect	Yes	
<i>data off</i>	No	
<i>data until powered off</i>	7 Reset Phone	
	Yes	
	No	

Navigation key shortcuts

In standby mode, press a navigation key to launch its corresponding application.




In-Use menu



Access menus and features while in a call.





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

In-Use	Function
Mute/Unmute	Mute (callers can't hear you) and unmute the call.
Calls	View your call logs.
Phone Book	Open the Phone Book.
Silent/Quit	Silence keypad tones.
Send Tel#	Send your phone number (if you're the recipient of the call). Send the recipient's phone number (if you're the originator of the call).
My Phone #	View your number (assigned by Verizon Wireless).
Version	View software and hardware information.
Voice Privacy	Prevent recipients of your calls from seeing your number on their display.
Location	Turn your GPS location on or set GPS location for emergency calls only.
Send DTMF	Send your phone number as tones (if you're the recipient). Send the recipient's phone number as tones (if you're the originator).

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




Menu navigation

The menus and sub menus in your phone can be accessed using the navigation key and the left/right soft keys ( ). You can also go directly to a menu or sub menu using a shortcut number from the menu list.


1. In standby mode press the left soft key () **Menu**. The first of several menus appear in the display.
2. Use the navigation key to scroll through the menu list.
3. Press  to enter the highlighted menu or sub menu.
4. Press the right soft key () **Back** or  to return to the previous menu.

Return to the previous menu

There are three ways to exit a menu or list.


- Press the right soft key () **Back** to return to the previous menu.
- When **Back** does not appear in the display, press  to return to the previous menu.
- Press  to exit all menus and return to standby mode.




Navigate using a shortcut

You can also access the menus and sub menus in your phone using a shortcut number. The shortcut number is the menu and sub menu number of the feature that you'd like to access. Using the menu number in conjunction with the left soft key () **Menu** takes you directly to the menu or sub menu of your choice. To keep things brief, this guide will use shortcut numbers in step-by-step instructions.




Tip: Use the list of menus and sub menus, which begins on page 20, to navigate using shortcut numbers.

1. In standby mode, press the left soft key () **Menu**.
2. Press the number of the menu, the sub menu, and so on for the feature you wish to access.

Example: Press the left soft key () for **Menu**, and then press , . This takes you to the **Planner** (Menu 5), and then to the **To Do List** (sub menu 4).

Accessibility

Your phone has a number of features to enhance accessibility such as:









- A large, high-resolution display.
- Raised nibs on either side of the  key.
- Large fonts.
- TTY/TDD capability.

TTY/TDD


Your phone is fully TTY/TDD compatible. Connect the TTY/TDD equipment to the headset jack, which is located on top of the phone, next to the antenna. Consult the documentation for your TTY/TDD device for specific information.

Enable TTY/TDD

You'll need to enable TTY/TDD in your phone before you can use it with a TTY/TDD device.

1. In standby mode, press the left soft key ( **Menu**).
2. Press , . **TTY/TDD Lock** appears in the display, and you're prompted for the lock code.
3. Enter the lock code, the default is , , ,  (or **#TTY**). The following options appear in the display.
 - **TTY Full**
 - **TTY Off**
4. Use the navigation up/down keys to highlight your choice, then press . The **Sounds** menu appears in the display.



If **TTY Full** is enabled, the TTY/TDD icon () appears in the top line of the display in standby mode.

Calls

The **Calls** menu maintains a log of all outgoing, incoming, and missed calls. You can review and erase the call history for each type in the **Calls** menu.

Outgoing

Outgoing calls are those calls that originate from your phone.





Incoming

Incoming calls are those calls that were received (picked up) at one time or another.

Missed




Missed calls are those that were never picked up. You're notified of a missed call by a text notification in the display. The text notification remains there until you press a key. Additionally, if caller information (Caller ID) is available, a missed call entry is created, and the number of the person who called appears in the display.


When your phone notifies you of a missed call

- Press  to call the number in your display.
- Press  to clear the missed call from the display
- View your **Missed** calls log (press **Menu** ,  in standby mode).

Erase Logs



You can erase each of the call logs individually, or all three at once.

1. In standby mode, press the left soft key () **Menu**, then press .
2. Use the navigation key to highlight **Erase Logs**, then press .





3. Press the number next to the call log that you wish to erase. You're prompted to confirm the erasure.
4. Use the navigation key to highlight **Yes** (to erase) or **No** to return to the **Erase Logs** menu.
5. Press  to confirm your selection.

Reviewing calls


When a call log is displayed, press the number associated with the call log to view details of the call log.

1. In standby mode, press the left soft key () **Menu**, then press . The **Calls** menu appears in the display.
2. Press the number associated with the call log that you wish to review.
3. Highlight a specific call using the navigation key.


Once your selection is highlighted you can:

1. Press  to dial the number that appears in the display.
 2. Press  to review all the available call information (name and phone number [if available] as well as the time/date stamp).
- Press , and then press the left soft key () **Menu**. A pop-up menu with the options in the following table appears in the display.

Option	Function
Talk	Dials the number.
Save	Saves the number to your Phone Book.
Prepend	Allows you to insert a hard or soft pause, or prefix in front of the number.
Erase	Erases the number.

3. Use the navigation key to highlight an option, then press .






Press  if you wish to exit the pop-up menu.

Call Timer



You can view the duration of your last call, total calls, and calls made during the life of your phone. This feature is not for billing purposes.



This feature does not apply to Push to Talk calls.

1. In standby mode, press the left soft key () **Menu**, then press , . The following options appear in the display:

Option	Function
1 Last Call	View the duration of the last call.
2 Total	View the duration of total calls, incoming and outgoing, since the last erasure.
3 LifeTime	View the duration of all calls since activation (cannot be erased).
4 Erase Total	Erases counters for the Total call timer.

2. Press the number of the option you wish enter, or use the navigation key to highlight the option and press .
3. Press  if you wish to exit the **Call Timer** menu.



LifeTime call timers can never be reset, but **Total** call timers can be reset.




Call features

Call waiting



Availability of this service is dependent upon Verizon Wireless.

If you're already on a call, your phone beeps when another call is incoming.





1. Press  to connect to the incoming call. Ask the calling party to remain on the line.
2. Press  again and the second caller is placed on hold. You're returned to the original caller. Press  to alternate between calls.

Caller ID

Caller ID allows you to see who is calling by displaying the caller's number when you have an incoming call. If the caller's name and number are stored in the Phone Book, the name also appears in the display. Some callers may block their number to prevent you from seeing who is calling.

Call Block

You can also block your number from being displayed on the Caller ID of anyone you call.





1. In standby mode, press , , .
2. Enter the phone number, then press .



To block your number permanently, contact Verizon Wireless.

Three-way calling

You can have a mini conference call using the three-way calling feature. Contact Verizon Wireless for availability.



1. In standby mode, dial the number for the first party in your call and press  .
2. When connected, ask the other party to remain on the line. Press  to place them on hold.
3. Dial the second party's phone number and press  .
4. When the second party answers, press  and all three parties connect.

Push to Talk

Verizon Wireless Push to Talk allows you to talk to others who have Verizon Wireless Push to Talk capable devices. You can talk to one individual at a time, or even have a group conversation using Push to Talk. A Push to Talk conversation is similar to a two-way radio conversation, meaning only one party can speak at a time. Push to Talk service requires activation on a special calling plan. Contact Verizon Wireless for more information.

Push to Talk Login

Your phone automatically logs in to the Push to Talk server upon power-up.




1. If your phone is off, press and hold  to power up your phone.
2. Your phone will register with the Push to Talk server, and **Registering** appears in the display, along with the blinking service icon (.
3. The **1X** icon appears in the display, which indicates the registration was successful.



If your phone is already in-use, ensure the **1X** icon appears in the top left of the display, which indicates you have successfully registered with the Push to Talk server.

Push to Talk prompts during a conversation

It's important to understand the various Push to Talk prompts and status indicators during a Push to Talk call. As stated earlier, Push to Talk works similar to a two-way radio, which means that only one party to the conversation can speak at a time. There are three main status indicators during a Push to Talk call; these are **Waiting for**, **Talking to**, and **Listening to**.

Status Indicator	Description
	Waiting for: The initial prompt that appears in the display after you press the Push to Talk button, which indicates Push to Talk call setup. It is also used during a call to indicate that no one is speaking.
	Talking to: You are speaking to the other caller.
	Listening to: You are listening to the other caller.


In addition to the status indicators that appear in the display, various tones are generated depending on the current mode.

Create and Manage your Push to Talk Contact List online




You can create and manage your group and individual Push to Talk contacts on the Verizon Wireless Push to Talk contact management web site. You can access the site from the Verizon Wireless Home Page at www.verizonwireless.com or you can go directly to the site at www.vzwpushtotalk.com.

Access the Push to Talk Contact List from your device

Verizon Wireless Push to Talk calls can only be placed to other Verizon Wireless phones with Push to Talk capabilities, therefore the contact list for Push to Talk calls is separate from your Phone Book. Access the Push to Talk Contact list in one of two ways:

- In standby mode, press the orange Push to Talk () button on the left side of the phone.

OR

- In standby mode, press the left soft key () **Menu**, then press , .




If you are not within the Push to Talk coverage area, **Push to Talk Login Fail** appears in the display.


Initiate a one-to-one Push to Talk Call

1. With the flip open in standby mode, press the orange Push to Talk button on the left side of the phone. Your list of Push to Talk contacts appear in the display.





If you are not within the Push to Talk coverage area, **Push to Talk Login Fail** appears in the display.

2. To use the speaker phone for this call, press and hold the speaker phone button on the right side of the phone. Use the navigation key to highlight the person that you wish to contact.
3. Press and hold the orange Push to Talk button () on the left side of the phone. **Waiting for** appears in the display.

4. Then, **Speaking to** and the name (or number) of the call participant appear in the display. You can now speak to the other caller.
5. When you finish speaking, release the Push to Talk button (). **Waiting for** once again appears in the display.
6. Once the other caller presses and holds the Push to Talk button, **Listening to** appears in the display, which indicates the other caller is speaking to you.


End a one-to-one Push to Talk call

You can end a Push to Talk call one of three ways.

- Press .
- Press and hold .
- Take no action for 20 seconds during the conversation.

Initiate a one-to-many Push to Talk call

You can also initiate calls to Push to Talk groups. A Push to Talk group can contain several users.


1. In standby mode, press the orange Push to Talk button () on the left side of the phone. The **Push to Talk Contact List** appears in the display.





If you are not within the Push to Talk coverage area, **Push to Talk Login Fail** appears in the display.



To use the speaker phone for this call, press and hold the speaker phone button on the right side of the phone.



Speaker phone on and the speaker phone icon () appear in the display.

2. Use the navigation key to highlight the desired Push to Talk group.



3. Press and hold the orange Push to Talk button (). **Waiting for** appears in the display.
4. Then, **Speaking to**, and the name of the group appear in the display. You can now speak to the other participants in the call.
5. When you finish speaking, release the Push to Talk button (). **Waiting for** once again appears in the display.
6. Once another group participant presses and holds the Push to Talk button, **Listening to** appears in the display, which indicates another participant is now speaking to the group.

Initiate a Push to Talk call with the flip closed





If you've already used Push to Talk to call others on your Push to Talk Contact List, you can contact them again without opening the flip.

1. With the flip closed, briefly press the orange Push to Talk button () on the left side of the phone. The **Recent Push to Talk list** appears in the front LCD display.
2. Use the volume key to scroll up and down through the Recent Push to Talk list.
3. Once the Push to Talk user you wish to contact is highlighted, press and hold the orange Push to Talk button () to initiate the Push to Talk call.
4. **Waiting for** and then **Speaking to** appear in the display.
5. Speak to the recipient of your call. Release the Push to Talk button once you are finished speaking.


Initiate a Push to Talk call from the Recent calls list

1. In standby mode, press . The Recent Calls list appears in the display and contains both traditional voice calls and Push to Talk calls. The icon to the left of the mobile number or person's name indicates what type of call was received.
2. Use the navigation key to highlight the Push to Talk number or name you wish to dial.
3. Once the Push to Talk user you wish to contact is highlighted, press and hold the orange Push to Talk button () to initiate the Push to Talk call.
4. **Waiting for** and then **Speaking to** appear in the display.
5. Speak to the recipient of your call.

Initiate a Push to Talk call from the menu

1. In standby mode, press the left soft key () **Menu**, then press , . The **Push to Talk Contact List** appears in the display.
2. Use the navigation key to highlight the Push to Talk user that you wish to contact.
3. Once the Push to Talk user that you wish to call is highlighted, press and hold the orange Push to Talk button () to initiate the Push to Talk call.
4. **Waiting for** and then **Speaking to** appear in the display.
5. Speak to the recipient of your call.




Push to Talk dialing through the keypad

1. In standby mode, enter the Push to Talk phone number of the person you wish to call.
2. Press and hold the orange Push to Talk button () to initiate the Push to Talk call.
3. **Waiting for** and then **Speaking to** appear in the display.
4. Speak to the recipient of your call.

Receive a one-to-one barge call

1. When receiving an incoming Push to Talk barge call, a tone sounds and the name or number of the person contacting you appears in the display.
2. **Listening to** appears in the display and you will hear the voice of the person contacting you.

Initiate a Push to Talk alert

1. In standby mode, press the orange Push to Talk button () on the left side of the phone. The **Push to Talk Contact List** appears in the display.
2. Use the navigation key to highlight the Push to Talk user to whom you would like to send an alert.
3. Press the left soft key () Alert. You're prompted to press the Push to Talk key to alert the intended recipient.
4. Press and hold the orange Push to Talk button () on the left side of the phone. **Alerting <Push to Talk user name>** appears in the display. Release the Push to Talk button.

5. The recipient of the alert can choose to accept or ignore the alert.

Receive a Push to Talk alert

1. If another Push to Talk user is sending you an alert, **Incoming Push to Talk Alert** appears in the display (a tone also sounds).
2. Press and hold the orange Push to Talk button to initiate the conversation. **Waiting for**, and then **Speaking to** appear in the display.




You may also accept an alert by pressing the left soft key, and then pressing and holding the orange Push to Talk button to initiate the conversation. **Waiting for** and then **Speaking to** appear in the display.


Push to Talk Silent Mode

Enable Silent Mode while using Push to Talk to silence any tones the phone might make while you are in a call. The speakerphone is turned off and all audio is routed to the ear piece. If you have an incoming call, the phone vibrates.

Enter Silent Mode

- In standby mode, press and hold  to enter silent mode. **Entering Silent Mode** appears in the display and the phone briefly vibrates.

Exit Silent Mode

- In standby mode, press and hold  to exit silent mode. **Exit Silent Mode** appears in the display.

The Phone Book

Your Phone Book can store up to 500 entries (numbers and names). Each entry can have up to five associated phone numbers and two e-mail addresses. Each phone number can be up to 32 digits in length, including hard pauses, with an associated name of up to 12 characters (name entry is optional). You can specify the memory location of your choice for each entry. Memory locations can be marked secret to prevent unauthorized viewing.



You cannot store numbers in locations 311, 411, 611, or 911 of your Phone Book. These are reserved for emergency numbers.





Tip: One-Touch, Two-Touch, and Three-Touch Dialing makes it easy to call phone numbers stored in your Phone Book.



Open the Phone Book

1. In standby mode, press the left soft key (**Menu**), then press . The options listed in the following table appear in the display.

Option	Function
1 Find	Find a phone number by name, entry, or group.
2 Add	Add a number or e-mail address to your Phone Book.
3 Rename Group	Rename one of your groups.
4 My Phone#	View the 10-digit number assigned to the phone by Verizon Wireless.
5 Memory	Display available memory for speed dial and voice dial entries.




2. Use the navigation key to highlight your choice, then press .



 **Tip:** You can also press the number on your alpha-numeric keypad that corresponds to the option number.

 **Tip:** In standby mode, press the right soft key () **Contacts** to go directly to the **Find** function in your phone book.

Find

If you've stored several entries in your Phone Book, the **Find** function allows you to locate an entry quickly.




1. In standby mode, press the left soft key () **Menu**, then press , .

 **Tip:** Press the right soft key () **Contacts** in standby mode to go directly to the **Find** function in your phone book.

2. Use the navigation left/right keys to select the method that you wish to use to find your entry. The **Find** options listed in the following table are available:




Find	Function
By Name	Search the Phone Book alphabetically by name.
By Entry	Search the Phone Book by entry number.
By Group	Search the Phone Book by selecting from one of the five available groups.

Find by Name

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Use the navigation left/right keys to display **By Name**.
3. Enter the name of the person *as they are saved to your Phone Book*.

Example: If you saved the name as Cheryl Smith, begin the search by entering "Cheryl."





As you enter letters, the entry number and names of the closest matches appear in the display.

4. When the desired entry appears in the display, highlight the number using the navigation key (if necessary).
5. Press  to dial the number associated with the name.
6. Press  to view information about the entry.
7. Press the left soft key () **Option** to display a pop-up menu that contains the options in the following table.

Option	Description
Talk	Dial the entry.
Edit	Edit details of the highlighted name.
Erase	Erase the Name and associated information.





Find by entry

This option allows you to find a stored entry by location number.








1. In standby mode, press the left soft key () **Menu**, then press , .
2. Use the navigation left/right key to display **By Entry**.
3. Enter the number that corresponds to the entry in your Phone Book.
4. Once the entry is highlighted, press  to display information about the entry.

Find 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 , .
2. Use the navigation left/right keys to display **By Group**.
3. Briefly press the navigation down key to highlight the group field.
4. Use the navigation left/right keys to display **Friend**, **Family**, **Colleague**, **VIP**, or **No Name**.
5. Once the desired group appears in the display, use the navigation key to highlight the desired member of the group.
6. Press  to display more information about the entry.

Add information to your Phone Book






1. In standby mode, press the left soft key () **Menu**, then press , . A pop-up menu appears in the display.
2. Use the navigation key to highlight your choice of **Number** or **E-mail**, then press .
3. Enter the phone number or e-mail address. For text entry mode and other options press the left soft key () **Option**.
4. After you're finished entering the number or e-mail, press .
5. Use the navigation key to select **New Entry** or **Find**, then press .

New Entry - Adds the number or e-mail as a new entry.

Find - Adds the number or e-mail to an existing entry.

6. If you chose **New Entry**, use the navigation key to highlight the number or e-mail type, then press .
- If you chose **Find**, you'll be prompted to search your Phone Book for the entry to associate with the number or e-mail.
7. Enter a name to associate with the number or e-mail and press  to save the entry. Your information is saved.

Rename group




1. In standby mode, press the left soft key () **Menu**, then press , . A list of groups appear in the display.
2. Use the navigation key to locate the group that you wish to rename, then press .
3. Press the left soft key () **Option** to display a pop-up menu with the following text entry modes.

T9 word

ABC







Symbol

123

4. Use the navigation key to highlight the desired text entry mode, then press .
5. Press and hold  to erase the old group name.
6. Enter the new group name using the keypad, then press  to save your changes.

Edit Phone Book numbers

Once stored in the Phone Book, an entry can be changed easily.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Find**. Any entries that you've saved appear in the display.
2. Use the up/down navigation keys to highlight the entry that you wish to edit.
3. Press the left soft key () **Option**. A pop-up menu appears in the display with **Edit** highlighted.
4. Press . The entry is opened for editing.
5. Use the up/down navigation keys to highlight the sub entry that you wish to edit.
6. Enter changes to the sub entry via the keypad and/or navigation keys.
7. Press  to save your changes.

Pauses




When you call automated systems, such as banking services, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Phone Book along with the required pauses and recall these numbers when required.

- **P pause:** A hard pause stops the calling sequence and awaits a response from you before resuming.
- **T pause:** A 2 second pause stops the calling sequence for 2 seconds and then automatically sends the remaining digits.






Multiple 2 second pauses can be entered to extend the length of a pause. For example, 2 consecutive 2 second pauses cause a total pause time of 4 seconds. Keep in mind that pauses count as digits towards the 32 digit maximum.

Store pauses in a phone book entry




1. Enter the phone number you wish to store (such as the bank's teleservice phone number).
2. Press the left soft key () **Option**. The following pause menu options appear in the display.
P pause
T pause
3. Use the navigation key to highlight the pause option of your choice, then press .
4. When you're finished entering the number and pauses, press the right soft key () **Save** to store the number in your Phone Book.

Pause dial from the Phone Book

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

Manual pause calling





To manually call a number with pause(s) without storing to the Phone Book:

1. Enter the phone number of the service you want to call (such as a bank's teleservice phone number).
2. Press the left soft key () **Option** to display the pause option pop up menu.
3. Use the navigation key to locate the pause option of choice and press  to activate. Continue until you enter the complete number with pause(s).
4. Press  to call the number.



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



Erase individual phone book entries

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Use the navigation key to highlight the entry that you wish to delete.
3. Press the left soft key () **Option**. A pop-up menu appears in the display with the following menu items.






Talk

Edit


Erase

4. Use the navigation key to highlight **Erase**, and press . The phone prompts you to confirm the erasure.
5. Use navigation left/right keys to highlight **Yes** or **No**, then press .







Edit an existing e-mail address

1. In standby mode, press the left soft key () **Menu**, then press , . The Phone Book menu appears in the display.
2. Use the navigation key to highlight the entry you wish to edit, then press .
3. Press the left soft key () **Option**. A pop-up menu appears in the display with the following menu items.

Talk
Edit
Erase








4. Use the navigation key to highlight **Edit**, then press .
5. Use the navigation key to highlight the **E-mail** field.
6. Use the keypad to edit the e-mail address.

 **Tip:** To insert the @ symbol, press  three times.

7. Press the left soft key () **Option**. In the pop-up menu that appears, use the left and right keys on the navigation key to select **Symbol**, then press .
8. Press  (@ symbol) and enter the remainder of the e-mail address using the keypad.
9. Press the left soft key () **Option** once again. A pop-up menu appears in the display.
10. Use the left/right navigation keys to highlight the domain type (**.com**, **.edu**, **.net**) of your choice and press .
11. Press  to save your changes.

Assign speed dial numbers

For each name entered in the Phone Book, the option of designating a Speed Dial number is available.



1. In standby mode, press the left soft key ( **Menu**), then press , .
2. Use the navigation key to highlight the entry that you wish to assign a speed dial number.
3. Press the left soft key ( **Menu**). **Edit** is highlighted.
4. Press .
5. Use the navigation key to highlight **Location**.
6. Use the left/right navigation keys to select the speed dial location.
7. Press  to save changes or press  to return to the previous screen.



Store numbers after a call

Once you've finished a call, you can store the number of the other party to your Phone Book.








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






1. After you end your call, the screen displays the call time (length of call), phone number, and name of the party (if available).
2. Press the right soft key ( **Save**). You're prompted to confirm this as a **New Entry** or **Find** a name in your Phone Book with which to add the number.
3. With **New Entry** highlighted, press .



4. Use the navigation key to choose the number type and press .
5. Enter a name for the new entry and press . The new entry is saved to your Phone Book.

Add the number to an existing entry


1. After you end your call, the screen displays the call time (length of call), phone number, and name of the party (if available).
2. Press the right soft key () **Save**. You're prompted to confirm this as a **New Entry** or **Find** a name in your Phone Book with which to add the number.
3. Use the navigation key to highlight **Find** and press .
4. Use the navigation key to highlight the entry to which you wish to add the number and press .
5. Use the navigation key to highlight the number type and press .
6. Press  at the Phone Book menu. Your number is added to the existing entry.

Store numbers from call logs

1. In standby mode, press the left soft key () **Menu**, then press  for **Calls**.
2. Press the corresponding number on the keypad to view the call log for the following call types.
 -  for **Outgoing** calls.
 -  for **Incoming** calls.
 -  for **Missed** calls.


3. Use the navigation key to highlight the number that you wish to store in the Phone Book, then press .
4. Press the left soft key () **Menu**, then use the navigation key to highlight **Save**.
5. Choose to add the number as a **New Entry** or **Find a** number in your Phone Book.
6. Follow the prompts to store the number to your Phone Book.

Shortcuts to storing phone numbers

- To quickly store a phone number, enter the number in standby mode and press the right soft key (). Follow the screen prompts to designate other information.
- You can also save a number after an incoming or outgoing call.



One-touch dialing

Memory locations 001 through 009 are special one-touch dialing locations. Call phone numbers stored in the Phone Book memory from 001 through 009 by pressing and holding a single key.

Example: To dial the number assigned to the one-touch dialing location 001, press and hold  until the name and number appear in the display and the number is dialed.




Two-touch dialing

Memory locations 010 through 099 are special two-touch locations. Call phone numbers stored in the Phone Book memory from 010 through 099 by pressing the first key, then pressing and holding the second key.





Example: To dial the number associated with two-touch dialing location 013, press , and then hold  until the name and number appear in the display and the number is dialed.

Three-touch dialing

Memory locations 100 through 500 are special three-touch dialing locations. You can call the phone numbers stored in the Phone Book memory from locations 100 to 500 by pressing the first and second keys, then pressing and holding the third key.




Example: To dial the number assigned to the three-touch dialing location number 113, press , , then hold  until the name and number appear in the display and the number is dialed.

Memory dialing

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Use the navigation key to highlight the entry that you wish to call.
3. Press  to call the number.

My phone

My phone # displays the 10-digit number assigned to your phone by Verizon Wireless.

- In standby mode, press the left soft key () **Menu**, then press , . The phone number assigned by Verizon Wireless appears in the display.

Messages

Mobile originating SMS text messaging



Check with Verizon Wireless to confirm availability of Mobile Originating SMS.

Your phone is able to send and receive text messages. When you receive a message, your phone sounds an alert tone (unless turned off) and a message appears in the display.



Your phone can store up to 130 messages. The storage capacity includes all message types. The number of messages stored depends upon the length of each message.

Create and send SMS text messages

1. In standby mode, press the left soft key (Menu), then press , for **Send New Msg**.



Tip: In standby mode, press the down key on the navigation key to shortcut directly to the **Send New Msg** sub menu.

2. Enter the phone number of the recipient and press .
3. Press the left soft key (Option). A pop-up menu appears in the display.
4. Use the navigation key to select the input mode (**ABC**, **T9 Word**, **Symbol**, or **123**) or select **Canned Msg**.
5. Enter your message using the keypad. Once finished, press .
6. Press the left soft key (Send). Your message is sent to the intended recipient.

Send options

You can set priority, validity, privacy, and other options for your messages.

1. At the **New Message** menu, use the navigation key to highlight **Options**, then press **OK**.
2. Use the navigation key to highlight and select from the options listed in the following table.

Option	Function
1 Priority	Allows you to assign a priority of Normal or Urgent to your message.
2 Validity	Allows you to select the period of time that you wish the message to be available to the recipient. Choices range from 0 - 3 days.
3 Insert Sign.	Allows you to insert a signature into your messages.
4 Delivery Ack	Choose to receive a receipt when the recipient receives the message.
5 Callback #	Choose to send (or not to send) a callback number with your message. You also have the option to edit the callback number.
6 Def. Delivery	Choose to defer delivery of the message until the time of your choosing.

Text entry modes


You can compose text messages made up of alphabetical characters, symbols, and numbers. Each method of character entry (symbol, number, etc.) is called a text entry mode. There are four such entry modes as indicated in the following table.:

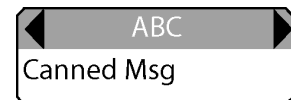
Text Entry Mode	Function
ABC, Abc, or abc	Alphabetical text entry mode. Options are all uppercase, initial caps, or all lower case.

Text Entry Mode	Function
Symbol	Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the display.
123	Number entry mode. Enter numbers by pressing the corresponding key on the keypad.
T9 Word	Predictive text mode. Press each key only once to enter the letter of the word that you're spelling.

When composing a text message, the current mode of text entry (with the exception of **Symbol**) is indicated in the lower right corner of the display.

Change or select a text entry mode



1. While composing a text message, press the left soft key () **Option** to display a pop-up such as the one to the right.



The arrows on either side of **ABC** indicate other text entry modes are available.






2. Use the navigation left/right keys to choose from **ABC**, **Symbol**, **123**, or **T9 Word**. Each text entry mode is explained in greater detail in the following sections.

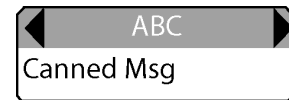
ABC mode

- Enter characters while in **ABC** mode by pressing the key that contains the desired characters (such as  for "h").
- Press a key repeatedly until the available character for that key appears in the display.
- Pause briefly and the displayed character is accepted and inserted into your message.
- Press  to enter a space.


T9® Word mode

T9 Word recognizes the most commonly used words for a 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 , .
2. Enter the phone number of the recipient, then press .
3. Press the left soft key ( **Option**) to display a pop-up such as the one on the right:



The arrows on either side of **ABC** indicate other text entry modes are available.

4. Use the navigation left/right keys to display (and select) **T9 Word**, then press .
- For practice, enter the word "Samsung" into your message by pressing each of the following keys *only once*:



T9 Word recognizes that the most commonly used word for the sequence of keys that you just entered is "Samsung." If more than one word shares the same sequence, which is often the case, T9 Word displays the most commonly used word. Press  to display other words, when available.




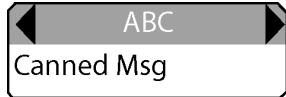


123 mode

Enter numbers into a text message while in number mode (123). See "Change or select a text entry mode" on page 55 for instructions on changing text entry modes.

- While in **123** mode, press the key containing the corresponding 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 ,  to compose a new text message.
2. Enter the phone number of the recipient, then press .
3. Press the left soft key (ⓘ) **Option** to display a pop-up such as the one on the right.
4. Use the navigation left/right keys to display **Symbol** in the pop-up menu, then press . The first of four "pages" of symbols appear 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  for an exclamation point (!).
7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Message folders

Your phone has six message folders, each dedicated to storing a different type of message.




Voice

Voice mail messages are stored in the **Voice** folder.

1. In standby mode, press the left soft key ( **Menu**), then press .








The bracketed [#] number to the right of each folder represents the number of messages waiting. In the case of the Inbox [#/ #], there are two sets of numbers. The first number indicates new messages and the second number indicates the number of read messages.

2. Use the navigation key to highlight **Voice**, then press .
3. A list of voice messages appears in the display. Use the navigation key to highlight the voice message that you wish to view, then press .
4. Press  to call your voice mail service and listen to the message.


Inbox

New text messages are stored in the **Inbox**.

1. In standby mode, press the left soft key ( **Menu**), then press , .
2. Use the navigation key to highlight the message whose contents you wish to view.
3. Press  to view the contents of the message.

4. While viewing your message press the left soft key () **Options** to display the following options.






Reply
Forward
Delete
Save Text
To Saved Msg
Save Addr

5. Use the navigation key to highlight an option, then press  to select.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. You can also verify if a message or e-mail was successfully transmitted, and at what date and time by opening the **Delivery Ack** feature.

Review messages in the Outbox

1. In standby mode, press the left soft key () **Menu**, then press , . Any sent text messages appear in the display.
2. Use the navigation key to highlight the message you wish to review, then press .
3. Press the left soft key () **Option**. The options listed in the following table appear in the display.

Menu Item	Function
Re-send	Resend the message with the same settings.
To saved Msg	Save the message to your Saved Msg folder.
Delete	Deletes the message from your phone.
Cancel	Sends a message to the network to withdraw the message.

Message memory capacity

Your phone can store up to 130 messages (Inbox 50, Outbox 50 Draft msg 15, Saved msg 15). The storage capacity includes all received, sent, filed message types, VMN (Voicemail Notification), and text messages. The number of messages stored depends upon the length of each message. When message memory reaches over 75% capacity, the screen displays a text notification. At 100% capacity, the screen displays a text notification and rejects additional incoming messages until you erase some of the stored messages.







Messages and lock mode

You can still receive messages 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.








Draft messages

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

Create a draft message


1. In standby mode, press the left soft key ( **Menu**), then press , .
2. Enter the phone number of the recipient, then press .
3. Compose your message using the keypad, then press .
4. Use the navigation key to highlight **Save in Draft**, then press . Your message is saved to the **Draft Msg** folder where you can return at any time to edit, view, or send the message.


View and edit messages in the Draft Msg folder

1. In standby mode, press the left soft key () **Menu**, then press ,  to open the **Draft Msg** folder. A list of draft messages appear in the display.
2. Use the navigation key to highlight the message you wish to view, then press .
3. Press the left soft key () **Option**. A pop-up menu appears in the display with **Edit** highlighted.
4. Press . The options listed in the following table appear in the display.
5. Use the navigation key to highlight an option. Press  to open the option and perform the function.

Option	Function
Edit Send To	Edit the phone number of the recipient.
Edit Text	Edit the draft message text. You also have option add a canned message.
Save in Draft	Continue to save the message to the Draft folder.
Save Text	Save only the text, if media or other content exists in the message, to the canned message list.
Options	Select the priority, validity, privacy, delivery acknowledgement, signature, callback #, deferred delivery options.

Edit text options







1. While editing the text of a draft message, press the left soft key () **Option**. A pop-up menu with the options in the following table appears in the display.

2. Use the navigation key to highlight an option. Press  to enter the option's sub menu.


Option	Function
ABC, Symbol, 123, T9 Word	Use the left and right keys on the navigation key to display and select one of four options for entering numbers, symbols, and text.
Canned Msg	Insert a pre-composed or "Saved text" message into your draft message.

Saved messages

Messages that you've received can be saved to the **Saved Msg** folder.





1. In standby mode, press the left soft key () **Menu**, then press ,  to open the **Saved Msg** folder. A list of saved messages appears in the display.
2. Use the navigation key to highlight the message you wish to view and press .
3. Press the left soft key () **Option**. A pop-up menu appears in the display with **Edit** highlighted.
4. Press . The options in the following table appear in the display.

Option	Function
Edit Send To	Edit the phone number of the recipient.
Edit Text	Edit the draft message text. You also have options to insert a canned message.
Save in Draft	Continue to save the message to the Draft folder.
Save Text	Save only the text, if media or other content exists in the message.
Options	Select the priority, validity, privacy, delivery acknowledgement, signature, callback #, deferred delivery options.

5. Use the navigation key to highlight an option. Press  to open the option and perform the function.

WebAlert

Occasionally, Verizon Wireless may send notifications to your phone in the form of web alerts. Such alerts may contain information regarding services or updates. When you receive an alert, you'll be receive a text notification and hear a tone. To view web alerts, perform the following steps.




1. In standby mode, press the left soft key () **Menu**, then press , . Any web alerts that you have received appear in the display.
2. Use the navigation key to highlight the message you wish to view and press .




Contact Verizon Wireless for availability.

Message settings

The Msg Setting menu allows you to define settings for all messages.

1. In standby mode, press the left soft key () **Menu**, then press ,  . The **Msg Setting** menu with the options listed in the following table appears in the display.

Msg Setting	Function
1 New Message	Save In Outbox: Provides options to save messages to your Outbox.
	Callback #: Edit your callback #, which you can choose to include in each message you send.
	Entry Mode: Choose the default entry mode (T9 Word or Alphabet).
	Delivery Ack: Choose to request a delivery acknowledgement when your messages are received by the recipient.
	My Signature: Edit the signature for messages.
2 Msg. Alert	Choose the Volume/Vibrate setting for message alerts, the Ringer Type for new messages, and SMS Reminder frequency.
3 Scroll Timer	Choose the default setting for Auto Scroll when viewing message content. Options are Off, 1 Second, 2 Seconds, 3 Seconds, 4 Seconds, and 5 Seconds.
4 Auto Delete	Choose to have a Warning Msg before messages are deleted or allow Auto Delete of messages after they are read.
5 Canned Msg.	Edit your pre-composed messages.
6 Voice Mail #	Edit the Voice Mail # for your phone.






2. Use the navigation key to highlight the message setting of your choice.
3. Press  to enter that setting's sub menu and make changes, if necessary.

Erase Msg


You can erase the messages in each of your folders from one convenient location.





This function erases all of the messages in the folder that you select. If you wish to delete a single message, open the individual folder and delete the message from the **Option** menu (while viewing the message).

1. In standby mode, press the left soft key () **Menu**, then press , . The **Erase Msgs** menu appears in the display.
2. Use the navigation key to highlight the folder that contains the messages you wish to delete.
3. Press  to open the folder. You're prompted to confirm the erasure of all messages in the selected folder.
4. Use the navigation key to highlight **Yes** or **No**, then press .



Receive messages in standby mode

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






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

Receive and view messages while in a call

When your phone receives a messages 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 call.
2. Press the right soft key () **View** to open the message.

Review stored messages

1. In standby mode, press the left soft key () **Menu**, then press . Your **Message** folders appear in the display.
2. Use the navigation key to highlight the folder containing the message you wish to review. Press  to open the folder once it is highlighted.
3. While reviewing a message, use the navigation key to scroll through the message and view the date and time it was sent, the sender, and more information.
4. Press  to back out of a message and return to the message list, press  as many times as necessary to return to the desired **Message** menu.

Options while viewing a message

You have several options while viewing a message. You can call the sender (if callback# is available), reply, forward, save, or delete the message.


1. While viewing the content of a message, press the left soft key () **Option**. A pop-up menu with the options listed in the following table appears in the display.
2. Use the navigation key to highlight an option. Press  to perform the highlighted function.

Option	Function
1 Forward	Forward the message to another recipient.
2 Delete	Delete the message.
3 Save Text	Saves only the text within the message to your list of canned messages.
4 To saved Msg	Save the entire message.
5 Save addr.	Save the originating address to your address list.

Mobile web

Your phone comes equipped with Mobile Web Service. You can view specially designed versions of popular sites which include sports, weather, news, stock quotes, and more.

Browsing the web through your phone is not the same as using your PC since site providers have only selected certain aspects of the available sites which they present to wireless phone users and have removed most graphics.

Each time you launch the Mobile Web Service, your phone connects to the Internet and  appears in the display.






Any time the service indicator icon is visible on the display, you are connected to the Internet and will be billed accordingly. Rates and pricing vary according to your service contract. Stored web content.

Mobile Web Service ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone, (if you leave your phone turned on). You can access this information without reconnecting to the Internet. If, while viewing stored information, you select a link to a site not accessed in your last session, you automatically re-connect to the Internet.

Launch the Mobile Web Service





The first time you use Mobile Web Service, you are prompted to go through a security setup process that takes approximately three to five minutes. When the security key is initially sent to the carrier, a unique value is created. If the phone is reset for any reason, you must contact the carrier to reset the security key. The original key is no longer valid and Mobile Web Service will not operate.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Mobile Web**. If this is your first time to enter the browser, you're prompted to enable security before proceeding.




Tip: You can also press the left navigation key in standby mode to launch the browser.

2. Press the left soft key () **Yes** to proceed or press the right soft key () **No** to exit and return to standby mode.





You only need to perform step 3 for the initial launch of Mobile Web Service.

Exit the Mobile Web Service

Press  to end browsing and return to standby mode.

Mobile Web Service soft keys

At the bottom of the display is a solid bar that contains browser commands. The “soft” keys, which appear in the display below the solid bar are used to execute the commands. Press the left or right soft key ( ) to perform the function that appears above it in the display.










Navigating the web

When you use the browser, some keys operate differently than during a normal phone call. The browser 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.


How Mobile Web Service keys work

Icon	Name	Function
	Navigation Key	Used to browse and select options, links, etc.
	CLR Key	1) A browser back-up key. Press it once to back up one page. Press and hold to back up to the Verizon Wireless home page. 2) Backspaces and clears text or numbers. Briefly press to clear the last number, letter, or symbol. Press and hold to completely clear the input field.
	Asterisk/Shift Key	Press before entering text to create upper case (capital) letters. You can also press to move back one space.
	0/Next Key	Press to enter a 0 (zero), or to move to view another word in the dictionary when in T9 Word entry mode.
	Pound/Space Key	Press to insert a space when entering text.
	1 thru 9 Keys	If items on a menu are numbered, the numbered keys can be used to select the numbered items.
	END Key	Press to exit the minibrowser and return to standby mode.
	Menu/Left Soft Key	Press to enter the browser menu.
	SEND Key	Press to send a call.

Links


Links have several purposes, such as jumping to a different page, jumping to a different site or even initiating a phone call from some sites. Links are shown inside of brackets ([]), and you can normally use the left soft key to select a link when it is highlighted.

Make a call while using Mobile Web Service

You can place a call while browsing if the site you are using supports this feature (the phone number may be highlighted and the left soft key will appear as **Call**). Press **Call** to the number. In most cases you can also press  to call the number. The Internet connection terminates when you dial the call. After you end the call, your phone returns to standby mode.

Get It Now


Download applications, ring tones, and other media from the Internet using **Get It Now**.

1. In standby mode, press the right navigation key to launch **Get It Now**. A shopping cart icon and downloaded application icons (if you have any) appear in the display.
2. Press . The following options appear in the display with **Start** highlighted.


Start **Options**


3. Press  to enter **Get It Now**.

Get It Now options

1. In standby mode, press the right navigation key to launch **Get It Now**. A shopping cart icon and downloaded application icons (if you have any) appear in the display.
2. Press . The following options appear in the display with **Start** highlighted.

Start **Options**

3. Use the navigation key to highlight **Options**, then press . The following options appear in the display:

Option	Function
Information	View the amount of memory used and memory available for each downloaded application. Press  to display application information or to disable/remove the highlighted application.
View log	View your Get It Now log, which displays a history of activity.






Browsing and downloading applications uses airtime.

Planner

PDA applications such as **Calendar**, **To Do List**, and **Memo Pad** among others are contained in the **Planner** menu. You can schedule events, set reminders, create a to do list, perform calculations, and much more with the digital assistant functionality included in this useful feature.











Open the planner

1. In standby mode, press the left soft key () **Menu**, then press . The **Planner** menu opens with the following sub menus.
 - 1 **Today**
 - 2 **Scheduler**
 - 3 **Jump To Date**
 - 4 **To Do List**
 - 5 **Memo Pad**
 - 6 **Count Down**
 - 7 **Alarm Clock**
 - 8 **World Time**
 - 9 **Calculator**
2. Use the navigation key to highlight an application. Press  to enter the highlighted application's sub menu. The following pages describe each application in more detail.






Today


You can schedule up to nine events for the current day by indicating each event's start and end time. An alert can be set to sound before an event is to commence. Events that are scheduled for future dates automatically appear on your **Today** events schedule the day they are scheduled.

Add an event

1. In standby mode, press the left soft key ( **Menu**), then press ,  to display **Today**. If nothing is yet stored, you'll receive an error message, then the **New Event** screen appears in the display.
2. Enter a description for the event, then press  .
 Press  for A.M. and  for P.M. when A or P is highlighted (after the time).
3. Enter the start time using the navigation key and keypad and press  .
4. Enter the end time for the event and press  .
5. Use the left and right keys on the navigation key to select from **No alarm**, **On time**, **10Min before**, **30Min before**, and **1Hour before**.
6. Press  . The event is stored.

Edit an event

1. In standby mode, press the left soft key ( **Menu**), then press  to open the **Planner**.
2. Press  to open the scheduler, then use the navigation key to highlight the date containing the event you wish to edit or erase.
 Highlighted dates are those that appear to be enclosed in a box.
3. Press  to save your changes.




4. With the desired event in the display, press the left soft key () **Menu**. The following options appear in the display.




Add new



Edit

Erase

Erase All




5. Use the navigation key to highlight **Edit**, then press .
6. Edit the event as necessary as press .
7. Enter the start time for the event and press .




 Press  for A.M. and  for P.M. when **A** or **P** is highlighted.

8. Enter the end time for the event and press .
9. Use the left and right keys on the navigation key to set the alarm for the event and press . Your changes are saved.


Scheduler

Scheduler allows you to view dates in the calendar format. The current date is highlighted on the calendar, and days with scheduled events are underlined.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Scheduler**.
2. A calendar, with the current date highlighted appears in the display. Use the following keys to navigate the calendar:
 - **Right/left keys** on the navigation key - Move between days on the calendar.





- **Up/down keys** on the navigation key - Move between weeks on the calendar.
 - **Up volume** () - Move to the previous month on the calendar.
 - **Down volume** () - Move to the next month on the calendar.
3. Press the left soft key () at a highlighted date to display the following options in a pop-up menu.

View: Allows you to view the previous entries for that date.

Add New: Allows you to add a new entry for that date.
 4. Use the navigation key to highlight the option of your preference, or press  to return to viewing the calendar.

Jump To Date

Jump To Date allows you to specify the calendar date you want to view. You can enter, edit, and/or erase events in your calendar.






1. In standby mode, press the left soft key () **Menu**, then press ,  for **Jump To Date**.
2. Enter the date that you wish to jump to and press . A calendar appears in the display with the **jump to** date highlighted.

To Do List

Create a list of items to be completed using the To Do List. Your phone can store, prioritize and manage twenty **To Do List** items. The **To Do List** does not have an alarm function.

Create a to do list

Use the To Do List to create a to-do item and assign an alarm to remind you when the task is due.





1. In standby mode, press the left soft key () **Menu**, then press  ,  for **To Do List**. The **Add To Do** screen appears in the display.
2. Enter the content for the to do list, then press  .
3. Use the navigation key to highlight the priority. Your choices are **High** or **Low**.
4. Use the navigation key to move to the **Enter Date** field.
5. Enter the time and date using the keypad, then press  . The to do list is stored.





Press  for A.M. and  for P.M. when **A** or **P** is highlighted.

Memo Pad

Jot down simple notes for reference using Memo Pad. There is no alarm setting for memos stored in Memo Pad.

1. In standby mode, press the left soft key () **Menu**, then press  ,  for **Memo Pad**.
2. To view a memo, use the navigation key to highlight the memo, then press  .

Memo Pad options






3. Press the left soft key () **Option** while in memo pad to view the following options:
 - **Add new** - Create a new memo.
 - **Edit** - Edit the selected memo.
 - **Erase** - Erase the selected memo.
 - **Erase All** - Erase all memos.
4. Use the navigation key to highlight the option you wish to perform, then press  .

Count Down timer

Count Down allows you to monitor the time remaining between the current date and time and any date that you specify. You can create up to five Count Down timers for dates between the years 1981 and 2099.





Press  for A.M. and  for P.M. when **A** or **P** is highlighted.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Count Down**, then enter a name for the **Count Down** timer.
2. Press , then enter the time and date for the future event that you wish to count down.
3. Press  to store the **Count Down** timer.




Edit or erase a Count Down timer

You can return to **Count Down** at any time to view the time remaining until the event occurs, or edit the Count Down timer. The count down is measured in days, hours, and minutes.



1. Press the left soft key () **Menu** while viewing a timer.
2. Use the navigation key to highlight **Edit**, **Erase**, or **Erase All** and press .

Alarm clock

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

1. In standby mode, press the left soft key () **Menu**, then press  ,  for **Alarm Clock**.
2. Use the navigation key to highlight one of the following frequency options.

Once
Daily
Off




3. Press  , enter a time (and date if necessary) for the alarm, then press  . The alarm is set. The alarm icon appears in the display in standby mode.



Press  for A.M. and  for P.M. when **A** or **P** is highlighted.

World Time



To view the time for selected cities in each of the world's 24 time zones:




1. In standby mode, press the left soft key () **Menu**, then press  ,  for **World Time**. A world map appears. The city, country, time and date are indicated by a longitude indicator.

2. Use the left and right navigation keys to move the longitude line through different time zones. The time and date appears for each zone that is highlighted. The following cities in the 24 world time zones are listed.


• Alaska	• San Francisco	• Denver, Arizona
• 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

Calculator

You can perform addition, subtraction, multiplication and division using your phone. Use  to enter a decimal point, and  to change the sign for a number to a negative.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Calculator**.
2. Use the keypad to enter the first number of your calculation. (Numbers can be up to 9 digits long).
3. Use the navigation key to set the operation for your calculator. Your choices are:

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



4. Use the keypad to enter the second number of your calculation.
5. Press  to view the sum of the calculation.

Display


The **Display** menu allows you to customize the appearance of your phone's display and offers controls over your backlight and other settings.

Animation

The **Animation** sub menu allows you to choose the multi-media or pictures that display on your phone when you turn it on, off, and while in standby mode.


1. In standby mode, press the left soft key () **Menu**, then press  for **Display**. The following sub menus appear in the display.

- 1 **Animation**
- 2 **Banner**
- 3 **Backlight**
- 4 **Contrast**
- 5 **Auto Hyphen**
- 6 **Service LED**

2. Press  for **Animation**. The following menu items appear in the display.






Menu Item	Function
1 Opening	Choose from the following themes to appear in your display upon power up: Aurora Sailing Fall
2 Closing	Choose from several themes to appear on your display upon shut down (power off) Aurora Sailing Fall

Menu Item	Function
3 Wall Paper	<p>Choose from the following to appear in your display in standby mode:</p> <p>Aquarium</p> <p>Landscape</p> <p>Water Drop</p> <p>Clock</p> <p>World Clock: Display the time for 2 world cities of your choosing. See "Dual Clock" on page 107 for more information.</p> <p>Calendar</p>

3. Use the navigation key to highlight your preference.
4. Press  to enter the menu item's sub menu.

Create a banner

You can create your own personalized greeting, which appears in the standby mode display.





1. In standby mode, press the left soft key ( **Menu**), then press ,  for **Banner**.
2. Press and hold  to erase an existing banner.
3. Use the alpha-numeric keypad to enter your new banner (Up to 12 characters).
4. Press  to save your settings.

Set the backlight

There are several options for setting **Backlight** features.







Backlight usage drains your battery faster.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Backlight**.
2. Use the navigation key to highlight the amount of time that you wish the backlight to remain on after a period of inactivity. Your choices are **5 Seconds**, **10 Seconds**, **15 Seconds**, **Folder Open**, or **Power Save**.
3. Press  to select.





Contrast

You can set the contrast for the main display as well as the front display.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Contrast**. The following menu items appear in the display.
1 Main Display - Set the contrast for the main display
2 Front Display - Set the contrast for the front liquid crystal display
2. Use the navigation keys to highlight the menu item of your choice and press .
3. Use the left/right navigation keys to adjust the contrast to your preference.





Auto hyphen

With **Auto Hyphen** set to **Yes**, your phone automatically hyphenates phone numbers as they are entered. For example: 972-761-0000.

1. In standby mode, press the left soft key ( **Menu**), then press ,  for **Auto Hyphen**.
2. Use the navigation key to highlight **Yes** or **No**, then press .

Service LED

Use the **Service LED** option to turn the service LED setting on or off. The service LEDs notify you of the charge status, connection status, and flash when you have an incoming call.

1. In standby mode, press the left soft key ( **Menu**), then press ,  for **Service LED**.
2. Use the navigation key to highlight **Yes** or **No**, then press .

Sounds

Ringer options



Your phone provides a variety of ringer type and ringer volume settings that allow you to easily recognize a certain type of incoming call, message or scheduled event.

Adjust voice volume in a call

You can adjust the earpiece as well as the (optional) headset volume during a call using the volume key on the left side of the phone.

Ringer volume

In standby mode, you can adjust the ringer to **Vibrate**, **1-beep**, **Vib+Ring**, **Silent**, or volume levels 1 thru 5 using the volume key on the left side of the phone. You can also set the default ringer volume using the **Sounds** menu.

1. In standby mode, press the left soft key ( **Menu**), then press  for the **Sounds** menu. The following Sounds options appear in the display.

1 Volume/Vibrate

2 Ringer Type


3 Key Beep

4 Alerts

5 Power On/Off







6 Roam Ringer

7 Whisper Mode

2. Use the navigation key to highlight an option. Press  to enter the option's sub menu and make changes.
 - The following sections describe each option and its function in greater detail.

Volume/Vibrate

Set the volume level of call ringers and alarms, or set them to vibrate.






1. In standby mode, press the left soft key () **Menu**, then press ,  for the **Volume/Vibrate** sub menu.
2. Use the navigation key to highlight **Calls** or **Alarm** and press .
3. Use the volume key () to select the incoming call ringer volume level or set the incoming call ringer to **Vibrate**.
4. Press  to save the setting.

Ringer type

Five monotone ringer types and ten melody tones can be found under the ringer type option in the **Sounds** menu.


Ringer type — calls

To activate, view or change the ringer type for calls:







1. In standby mode, press the left soft key () **Menu**, then press ,  for **Ringer Type**.
2. Press  for **Calls**.
3. Use the volume key () to navigate through the five monotone ringer types and ten melody tones. Each tone plays as you navigate through the options.



When the lowest volume setting is reached, the phone automatically goes into vibrate mode, which alerts you to the setting.







4. When the desired ringer type plays, press  to save the setting.

Ringer type — alarm


1. In standby mode, press the left soft key () **Menu**, then press  ,  for **Ringer Type**.
2. Press  for **Alarm**.
3. Use the side volume key () to browse up and down through the tones. Each tone plays as it appears in the display.
4. When the desired ringer type plays, press  to save the setting.

Ringer type — data incoming

To activate, view or change the ringer type for incoming data calls:







1. In standby mode, press the left soft key () **Menu**, then press  ,  for **Ringer Type**.
2. Press  for **Data In**.
3. Use the side volume key () to browse up and down through the tones. Each tone plays as it appears in the display.
4. When the desired ringer type plays, press  to save the setting.



You can press  to cancel and return to the previous menu at any time.








Ringer type — planner

To activate, view or change the ringer type for your planner:

1. In standby mode, press the left soft key ( **Menu**), then press ,  for **Ringer Type**.
2. Press  for **Planner**.
3. Use the volume key () to browse up and down through the tones. Each tone plays as it appears in the display.
4. When the desired ringer type plays, press  to save the setting.

Key beep

Key Beep allows you to adjust the tone length and volume level that the keypad generates each time you press a key. The display icon shows up to five levels (the loudest setting). No bars indicate that the key beep function is silenced.






1. In standby mode, press the left soft key ( **Menu**), then press ,  for **Key Beep**.
2. Press  for **Volume** or press  for **Tone Length**.
3. Use the side volume key () to browse up and down through the tones. Each tone plays as it appears in the display.
4. When the desired ringer type plays, press  to save the setting.

Alerts

Your phone may beep from time to time, this is called an alert beep and can easily be turned on or off. Alert beep is offered for the following: **Minute beep**, **Service**, **Connect**, **Disconnect**, **Fade**, **Roam**, and **Privacy**.






Alerts - Minute Beep

You can set the minute beep option to sound an alert ten seconds before each elapsed minute to remind you of the length of the current call.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.






Alerts — Service

You can set the service alert option to sound an alert when the phone goes in and out of service coverage areas.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.

Alerts — Connect


With this option set to **On**, the phone sounds an alert when your call is connected.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.

Alerts — Disconnect






When this option is set to **On**, the phone sounds an alert when the phone experiences a dropped or a failed call.



If you experience a failed or dropped call, a text message appears in the display. Press  to clear the prompt and return to standby mode. If the dropped call was outgoing, you can redial the number automatically by pressing








twice.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.






Alerts — Fade

When this option is set to **On**, the phone sounds an alert when a dropped call occurs during conversation in response to a signal fade.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.






Alerts — Roam

When this option is set to **On**, the phone sounds a unique tone when you leave your home service area when on a call.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.





Alerts — Privacy

The Privacy option allows you to set the security level of your phone to avoid eavesdropping.

1. In standby mode, press the left soft key () **Menu**, then press ,  to enter the **Alerts** menu.
2. Press , then use the navigation key to highlight **On** or **Off**.
3. Press  to save the setting.





Power on/off

You can choose a tone to sound when you power on and off.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Power On/Off**.
2. Use the navigation key to select **On** or **Off**.
3. Press  to save the setting.





Roam ringer

When this option is set to **On**, your phone sounds a unique tone when a call is received in a network service area. This feature is set to **On** by default.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Roam Ringer**.
2. Use the navigation key to select **On** or **Off**.
3. Press  to save the setting.

Whisper mode

This feature allows you to speak at a low volume and still be heard by a caller.

1. In standby mode, press the left soft key () **Menu**, then press ,  for **Whisper Mode**.
2. Use the navigation key to select **On** or **Off**.
3. Press  to save the setting.

Voice kit

You can call up to twenty stored names simply by speaking one of the names into the microphone.

Voice dial

Using the **Voice Dialing** feature requires that you first program the phone to recognize the name of the person you are calling.







Only one voice dial entry can be stored per name.


Tips on recording names

- Avoid recording similar names phonetically. If you record a name similar to one already stored in voice memory, the phone requests another name.
- Avoid recording in a noisy place.
- Speak clearly and naturally.
- Avoid very long or very short names. Names with two to five syllables are recommended.
- If a voice entry does not properly connect, you may need to record the name and number again.






Record

The phone provides voice prompts and screen displays to guide you through the recording process.





1. In standby mode, press the left soft key ( **Menu**), then press  for **Voice kit**.
2. Press  for **Voice Dial**.
3. Press  for **Record**. The phone will prompt you to say the name you want to record.



4. Wait for the beep and then say the name. For best results, use names with at least two syllables, or use both a first and last name. The phone stores the name as a “first” sample, and then prompts you to say the name again.
5. Respond to the prompt by repeating the name exactly as you did the first time. The phone stores the name as a second sample and then requests the phone number.
6. Enter the phone number using the keypad.
7. Press  to save the number. The screen then returns to the **Voice Dial** menu.

Review


1. In standby mode, press the left soft key () **Menu**, then press  for **Voice kit**.
2. Press  for **Voice Dial**.
3. Press  for **Review**. A list of stored names and numbers display.
4. Use the navigation key o highlight the desired entry and press  . The recorded name is vocalized.





Erase all

1. In standby mode, press the left soft key () **Menu**, then press  for **Voice kit**.
2. Press  for **Voice Dial**.
3. Press  for **Erase All**.

4. At the voice and screen prompt, press  to confirm that you want to **Erase All** of the entries. A screen prompt will display when the entries have been erased.
5. Press  at any time to exit without removing any voice entries.





Set active - Voice Dial


Voice dialing is always active once you have programmed the phone to accept voice entries and the associated phone numbers. To place voice activated calls, press and hold . After you hear the voice prompt and the beep, say the name of the person you are calling into the phone or earbud microphone.

1. In standby mode, press the left soft key () **Menu**, then press  for **Voice kit**.
2. Press  for **Voice Dial**.
3. Press  to set **Set Active**.
 - [*]Only
 - [*]/Folder
 - [*]/EarMic

Voice Memo

Use the following instructions to create a voice memo that you can listen to at a later date.

1. In standby mode, press the left soft key () **Menu**, then press  for **Voice kit**.
2. Press  for **Voice Memo**.
3. Press  for **Record**. The phone prompts you to begin recording.
 - Press the left navigation key to pause your recording.




- Press the right navigation key to re-record your memo.
4. Press  to confirm your memo.

Call Screen


The **Call Screen** feature allows you to listen to voice messages as they're being recorded, so that you can choose to accept urgent calls only (similar to screening calls on your home phone answering machine). Up to four minutes can be recorded using the Call Screen feature. When Call Screen is enabled or a Call Screen message is recorded, an icon will appear on your main display banner line.








Voice memo usage reduces call screening time available.

1. In standby mode, press the left soft key () **Menu**, then press  for **Voice kit**.
2. Press  for **Call Screen**. The options listed in the following table appear in the display.

Option	Function
On/Off	When set to On, Call Screen answers your calls and recorded messages.
Inbox	Recorded messages are stored in the Inbox.
Greeting	Callers hear your default greeting, or a greeting you've created. You have the option to Record, Play, or Select a greeting.
Call Sound	Allows you to listen to callers messages as they are being recorded (over the speaker phone).
Wait Time	Allows you to set the time for Call Screening to begin after receiving a call. Options are off, after 3 sec, after 5 sec, and after 10 sec.

3. Use the navigation key to highlight an option. Press  to enter the option's sub menu.

Enable Call Screen

1. In standby mode, press the left soft key () **Menu**, then press , , . **Enable** and **Disable** appear in the display.
2. Use the navigation key to highlight **Enable**, then press . Call screen is enabled.

Setup

Location

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



Check with Verizon Wireless to determine if/when/where location-based services are available.

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Use the navigation key to select from the following.
Location On
911 Only
3. Press to save your selection and exit.

Network

Select your network preference using the Network sub menu. Network preferences allow you to select NAM and roaming options. To learn more about these features, contact Verizon Wireless.




1. In standby mode, press the left soft key () **Menu**, then press .
2. Use the navigation keys to select from the following.
 - **Set Nam**
 - **Roam Option**
3. Press to save your selection and exit.




Press to exit and return to the **Setup menu**.

Data

You can set your phone to place and receive data calls. You can also control the transmission (baud) rate.

1. In standby mode, press the left soft key () **Menu**, then press , . The options listed in the following table appear in the display.

Option	Function
Auto Detect	Select data until powered off if you wish to automatically detect incoming data or to place data calls with the optional Mobile Office software. Select data off if you don't wish to enable Auto Detect .
Baud Rate	Select auto baud rate or choose from 19200 up to 230400 .

2. Use the navigation key to highlight an option.
3. Press  to open the highlighted option and select from available settings.

Security





Lock phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency/secret numbers.

You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. When the phone is in Lock Mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

Lock the phone

The **Security** menu allows you to lock the phone manually or automatically when powering on your phone or to leave the phone unlocked.

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Enter the lock code. The default lock code is the last four digits of your telephone number.
3. Press  for **Lock Phone** and use the navigation keys to select from the options in the following table.

Option	Function
Never	The phone remains unlocked.
On Power-up	The phone locks automatically the next time it is powered on. It stays locked until you enter the lock code.
Now	The phone locks immediately and stays locked until you enter the lock code.



Important! If you change the NAM1 setting you set the phone to lock on power-up and don't program a number into NAM2, you won't be able to access your phone. You must call the Service Center to unlock your phone.


4. Press  to save your settings.

Unlock the phone

Enter your phone's lock code (last four digits of the phone number), and the phone is immediately unlocked.

Emergency calls in lock mode





You can place emergency calls using confidential numbers that you program in lock mode.

- To call 911 or a confidential number, enter the number and then press .

Change Lock

The default lock code for your phone is initially the last four digits of your phone number. You can later change the lock code as often as you like.

Enter a new lock code

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Enter the lock code.
3. Press . The screen prompts you to enter a new code.
4. Enter a new, four-digit lock code. You're prompted to re-enter the new code.
5. Enter the same four-digit lock code.



If you change the lock code, be sure to write down or memorize the new code.

Emergency

Your phone can store up to three emergency numbers. Each number can be up to 32 digits in length. Emergency numbers can be called at 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 at all times.








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






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 , .
2. Enter the current lock code, then press .
3. Use the navigation key to select an entry that you wish to edit, then press .
4. Enter the emergency number (up to 32 digits).







Tip: Press and hold  to erase all characters from the screen.


5. Press  to save the number entered and return to the previous screen.
6. Press  to exit and return to the **Security** menu.

Calling emergency numbers in lock mode

- In standby mode, enter the emergency number, then press .







Voice Privacy

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Enter the current lock code, then press . **Standard** and **Enhanced** appear in the display.

3. Use the navigation key to select the **Voice Privacy** option of your preference, then press . Your settings are saved.







Restriction

You can restrict outgoing and incoming calls, or calls to anyone in your Phone Book.

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Enter your current lock code and press  for **Restriction** options.
3. Use the navigation key to select **Outgoing**, **Incoming**, or calls to anyone in your Phone Book.
4. Press , then use the navigation key to select **Yes** or **No**.
5. Press  to save your settings.







Erase memory

Erase memory erases your Phone Book and Voice Dial recordings. Personal settings (Call Log, Messages, Schedules, or other phone feature settings), are unaffected.

1. In standby mode, press the left soft key () **Menu**, then press , .
2. Enter the lock code, then press  for **Erase Memory**. A confirmation prompt appears in the display.
3. Press  to erase the phone's memory, or press  to cancel the operation.






Reset phone

The **Reset Phone** feature returns all setup options to their factory default settings.

1. In standby mode, press the left soft key ( **Menu**), then press , .
2. Enter the lock code, then press  for **Reset Phone**. A confirmation prompt appears in the display.
3. Press  to reset the phone or press  to cancel the operation.

Call Answer

Call Answer allows you to select from one of three methods to answer your calls.

1. In standby mode, press the left soft key ( **Menu**), then press , . The **Call Answer** sub menu appears in the display with the following options:
Send Key
Folder Open
Any Key
2. Use the navigation key to highlight the method that you wish to answer calls.
3. Press  to save your option, or press  to return to the previous menu.




Auto Answer

Auto Answer sets your phone to answer calls after the specified number of seconds. This options is useful when driving.

If **Auto Answer** is set to **Off** the phone will not answer an incoming call. If you do not answer the call it is automatically stored in the Missed Call log.



Auto answer only works with the hands free headset attached.



1. In standby mode, press the left soft key () **Menu**, then press , . The **Auto Answer** sub menu appears in the display with the following options.

Off

After 5 sec




After 3 sec

After 1 sec

2. Use the navigation key to highlight your preference.
3. Press  to save your setting, or press  to return to the previous menu.

Auto Retry

Auto Retry automatically re-dials the number when a connection fails. Dependent upon your location, the number of times your phone re-dials the number may vary.



1. In standby mode, press the left soft key () **Menu**, then press , . The **Auto Retry** sub menu appears in the display with the following options.

Off

Every 10 sec




Every 30 sec

Every 60 sec



2. Use the navigation key to highlight your preference.
3. Press  to save your setting, or press  to return to the previous menu.

Language

The **Language** feature in your phone can affect the display layout, language of voice prompts, menus, key-input, and more.

1. In standby mode, press the left soft key ( **Menu**), then press , . The **Language** sub menu appears in the display with the following options.





English
Spanish

2. Use the navigation key to highlight your preference.
3. Press  to save your setting, or press  to return to the previous menu.




Clock Set

Main Clock

In most situations, your phone automatically adjusts to the local time. In case your clock doesn't update automatically, you can set the clock manually.

1. In standby mode, press the left soft key ( **Menu**), then press , .
2. **Main Clock** is highlighted. Press .



Dual Clock is used to select the cities that appear in your display when you choose **Dual Clock** for wallpaper (**Menu** , , ).





3. Enter the time and date, then press .



Press  for A.M. and  for P.M. when setting the time.





Dual Clock

Dual Clock (under clock setup) is used to select the cities that you wish appear in your display when you choose **Dual Clock** as one of your wallpaper options in the display **Setup** menu.

1. In standby mode, press **Menu** , , , then use the navigation key to highlight the **P1:** field.
2. Use the left and right navigation keys to display (and select) the first city.
3. Press the down navigation key to highlight the **P2:** field
4. Use the left and right navigation keys to display (and select) the second city.
5. Press  to save your settings.




Enable Dual Clock

You can select **Dual Clock** as your wallpaper for standby mode. Time for the two cities that you selected in Dual Clock setup appears in your display while your phone is in standby mode.

1. In standby mode, press **Menu** , , .
2. Use the left or right navigation keys to display (and select) **Dual Clock**, then press .

Version

You can view both the software version and hardware version running on your phone. This feature is helpful if you need to call your carrier or Customer Support Representative.

- In standby mode, press the left soft key () **Menu**, then press , . Hardware and software information for your phone appears in the display.

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's 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.

Using Your Phone While Driving

Talking on your phone while driving is illegal in some states. Even where it's not, it can divert your attention from driving. Remember that safety always comes first.

When using your phone in the car:

- Get to know your phone and its features, such as speed dial and redial.
- When available, use a hands-free device.
- Position your phone within easy reach.
- Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when you stationary or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may divert your attention from the road.

- Dial , ,  to report serious emergencies. It's free from your wireless phone.
- Use your phone to help others in emergencies.
- Call special non-emergency wireless number when necessary.

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

Usage guidelines: All about performance and safety 111

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 32° F to 104° F (0° C to 40° 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:

32° F to 131° F (0° C to 55° C)

More than one month:

32° F to 104° F (0° C to 40° C)

Disposal of Lithium Ion (Li-Ion) Batteries



For safety, do not handle a damaged or leaking Li-Ion battery.

Usage guidelines: All about performance and safety 113

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.

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 the 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,

Usage guidelines: All about performance and safety 115

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

- National Institute for Occupational Safety and Health.
- Environmental Protection Agency.
- Federal Communications Commission.
- Occupational Safety and Health Administration.
- National Telecommunications and Information Administration.

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

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. 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 RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary 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 power 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. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency 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 this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

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 the 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

Usage guidelines: All about performance and safety 121

want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

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

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 cell phone facts
(<http://www.fda.gov/cellphones/#1>)
- FDA web page on wireless phones
(<http://www.fda.gov/cdrh/phones/index.html>)
- Federal Communications Commission (FCC) RF Safety Program
(<http://www.fda.gov/oet/rfsafety>)
- International Commission on Non-Ionizing Radiation Protection
(<http://www.icnirp.de>)
- World Health Organization (WHO) International EMF Project
(<http://www.who.int/emf>)
- National Radiological Protection Board (UK)
(<http://www.nrpb.org.uk>)

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:

Usage guidelines: All about performance and safety 125

- 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 Verizon Wireless (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 or 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-a690

Serial No.:

User Guide Proprietary Notice

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5,506,8655,544,1965,657,4205,101,501

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5,710,7845,056,109 5,568,4835,659,569

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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 Cases/Pouch - 90 Days
- Holster - 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

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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 Verizon Wireless 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.

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- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO

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Index

Numerics

123 mode	57
1-touch dialing	51
2-touch dialing	51
3-touch dialing	52
911	101

A

A690 closed view	1
a690 key features	3
a690 open view	2
ABC mode	55
Accessibility	
features	26
high-res display	26
large fonts	26
raised nibs	26
TTY/TDD	26
Alarm, setting	79
Alerts	
connect	89
description	88
disconnect	90
fade	90
minute beep	89
roam	91
service	89
all	77
Alpha-numeric keypad	7
Antenna	4
Antenna care	124
Auto answer sub menu ...	104
Auto LCD off	19
Auto retry sub menu	105
B	
Backlight features	4
Banners, creating	82

Basic phone operation, understanding	108
Battery care	113
Battery charging	12
Battery indicator	13
Battery installation	11
Battery removal	11
Body worn operation	114

C

calculator	80
Call answer mode	14
Call answer sub menu ...	104
Call notification features ...	19
Call restriction	103
Call screen	
definition	96
options	96
Call timer	29
Call waiting	30
Calls	
erase logs	27
incoming	27
missed	27
outgoing	27
reviewing	28
Cautions	114
Charging the battery	12
Clear key	4
Clock set	
dual clock	107
main clock	106
Clock set sub menu	106
Count down timer	
creating	78
description	78
erasing	78
Create a banner	82
CTIA safety information ..	123

D

Data sub menu	99
Desktop charger	12
Display icons	9
Display menu	81

E

Edit phone book	45
Emergency calls in lock mode	100
Emergency numbers	101
Emergency numbers, calling in lock mode	102
Emergency numbers, storing	102
End key	4
Enter numbers	57
Enter text, numbers, symbols 54	
Erase logs	27
Erase memory	103
Erase total timers	29
Exit Mobile Web	69

F

FCC Notice	114
FCC website, RF safety ..	123
FDA consumer update ...	115
FDA Q&A	115
FDA websites	123

Find	
by entry	42
by group	43

G

Get it now	8
Get it now website	8
GPS enable	98
GPS setting	98

H

Headset connector	5
Hearing aids	126

I

Incoming calls	18, 27
Input mode	14
Install the battery	11
Introduction	3
In-use menu	23

K

Key beep	88
----------------	----

L

Language sub menu	106
LED indicator	5
Left soft key	6
Limited warranty	129
Location sub menu	98
Lock Code	101
Lock mode, emergency calls	100
Lock phone	14
Lock the phone	99
Low battery indicator	13

M

Manual pause calling	47
Medical devices	126
memo pad options	77
Memory, erasing	103
Menu navigation	24
Menu, in-use	23
Menu, return to previous ..	24
Message folders	
inbox	58
outbox	59
review outbox	59
voice	58
Message options	67
Message setting	64
Message settings	64

Messages

create a draft	60
create and send	53
draft	60
erase	65
lock mode	60
MOSMS	53
options while viewing ...	67
receiving	65
receiving in a call	66
review stored	66
saved	62
send options	54
settings	64
text entry modes	54
view and edit drafts	61
web alerts	63
Messages and lock mode ..	60
Microphone	6
Missed calls	27
Mobile web	68
Mobile web soft keys	69
Mobile web, calls while using	71
Mode	
call answer	14
input	14
lock	14
power save	14
silent	16
standby	15
talk	15
vibrate	15
whisper	92

N

NAM option	98
Navigation key	7
Network sub menu	98

O

One-touch dialing	51
Outgoing calls	18, 27
Owner's record	127

P

Pacemakers, phone usage near	125
Pauses	46
Peak Performance	109
Peak performance, maintaining	109
Persons with pacemakers	125
Phone book	
1-touch dialing	51
2-touch dialing	51
3-touch dialing	52
add info	43
assign speed-dial	49
description	40
edit e-mail addresses ..	48
edit numbers	45
erase entries	47
find by entry	42
find by group	43
find by name	41
find entries	41
memory dialing	52
my phone #	52
opening	40
rename group	44
shortcuts to storing #s ..	51
storing pauses	45
Phone reset	103
Phone use	
dangerous areas	112
while driving	110
while flying	111

Planner	
alarm clock	79
calculator	80
count down timer	78
description	73
jump to date	76
memo pad	77
opening	73
scheduler	75
to do list	76
today sub menu	73
world time	79
Power on/off sound	91
Power save mode	14
Powers save feature	108
Push to Talk	
calls from menu	37
definition	32
dialing	38
End calls	35
initiate alert	38
One-to-many call	35
One-to-one calls	34
receive alert	39
receive barge call	38
recent calls list	37
silent mode	39
with flip closed	36
Push to Talk icons	10
Push to Talk key	6
R	
Radio frequency safety ..	108
Reception, enhancing	108
Remove the battery	11
Reset the phone	103
Restricting calls	103
Review calls	28
Review Outbox messages	59
Right soft key	5

Ringer options	85
Ringer type	
alarm	87
calls	86
data	87
planner	88
Ringer volume	
adjust	16
settings	16
Roam option	98
Roam ringer	92
S	
Safe phone use	110
Safe Use of and	
Access to Your Phone ...	110
Safety guidelines	111
Security sub menu	99
Send key	7
Setup	
auto answer	104
auto retry	105
call answer	104
clock set	106
data	99
language	106
location	98
network	98
security	99
version	107
Setup menu	98
Shortcut to menus	25
Silent mode	16
Speaker phone	6
Speaker phone key	6
Special precautions	114
Standby mode	15
Store numbers after a call	49
Symbol mode	57

T

T9, using	56
Talk mode	15
Text entry mode	
123 mode	57
ABC mode	55
changing	55
description	54
symbol	57
T9 Word	56
Three-touch dialing	52
To do list, creating	76
Today	
add event	74
description	73
edit event	74
TTY/TDD	26
TTY/TDD enable	26
Turning off the phone	17
Turning on the phone	17
Two-touch dialing	51

U

Unlock the phone	100
Usage guidelines	108
User guide	
proprietary notice	128

V

Version sub menu	107
Vibrate mode	15
Voice dial	
erase entries	94
recording names	93
review entries	94
set active	95
Voice kit	93
voice dial	93
voice memo	95
Volume key	7
Volume, ringer	85

Volume/vibrate	86
----------------------	----

W

Wall paper	82
Warranty information	129
Web links	70
web, navigating	69
WebAlert	63
Whisper mode	92
WHO website	123
World time	79
World time cities	80

