Samsung Muse™

P O R T A B L E D u a l - B A N D

M O B I L E P H O N E

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

Intellectual Property

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

Samsung Telecommunications America (STA), LLC

Headquarters:
1301 E. Lookout Drive
Richardson, TX 75082

Customer Care Center:
1000 Klein Road
Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

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

©2008 Samsung Telecommunications America, LLC is a registered trademark of Samsung Electronics America, Inc. and its related entities. Samsung Muse is a trademark of Samsung Electronics America, Inc. and its related entities.

Do you have questions about your Samsung Mobile Phone?
For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

www.samsungwireless.com/support

GH68-17192A.

u706_BB15.10_cb_022108_F6

Printed in Korea.

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

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437; U.S. Pat. 5,953,541; U.S. Pat. 6,011,554 and other patents pending.

RSA® is a registered Trademark RSA Security, Inc.

Openwave® is a registered Trademark of Openwave, Inc.

The Bluetooth® word mark, figure mark (stylized “B Design”), and combination mark (Bluetooth word mark and “B Design”) are registered trademarks and are wholly owned by the Bluetooth SIG.

Disclaimer of Warranties; Exclusion of Liability

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

Table of Contents

Section 1: Getting Started 4
- Understanding this User Manual 4
- Activating Your Phone 4
- Charging the Battery 6
- Setting Up Your Voice Mail 7
- Memory Card (Optional) 8

Section 2: Understanding Your Phone 9
- Features of Your Phone 9
- Closed View of Your Phone 10
- Front Open View of Your Phone 12
- Command Keys 13
- Understanding the Display Screen 16
- Your Phone's Modes 17

Section 3: Call Functions 20
- Making a Call — Number Entry Dialing 20
- Making a Call — Speed Dialing 21
- Making a Call — Voice Dialing 23
- Answering a Call 24
- Adjusting the Call Volume 25
- Calls Log 25
- Roaming 31

Section 4: Menu Navigation 32
- Menu Navigation 32
- Menu Outline 33

Section 5: Entering Text 34
- Text Entry Modes 34
- Changing the Text Entry Mode 34
- Entering Text in Alpha (Abc) Mode 34
- Entering Text in T9 Word Mode 35
- Entering Upper and Lower Case Letters 36
- Entering Numbers 36
- Entering Symbols 37

Section 6: Understanding Your Contacts 38
- Your Contacts List 38
- Adding a New Contacts Entry 38
- Finding a Contacts Entry 41
- Speed Dial Numbers 49
- Renaming a Contacts Group 49
- Deleting a Contacts Entry 50
- Sending a Contacts Entry 50
- Memory Info 51

Section 7: Messaging 52
- Creating and Sending New Messages 52
- Message Send Options 56
- Receiving New Messages 57
- Voicemail 57
- Message Folders 58
- Erasing Messages 62

Message Settings 62
General Message Settings 63
Section 8: Axcess Shop 65
Finding Applications 65
Section 9: Axcess Web 66
Axcess Web 66
Launching Axcess Web 66
Using Axcess Web 66
Using Links 67
How Axcess Web Keys Work 67
Section 10: Celltop 68
Celltop 68
Launching Celltop 68
Section 11: Camera-Camcorder 69
Taking Pictures and Videos 69
Taking Snap Shots (Single Pictures) 69
Screen Layouts 72
Saving Pictures and Videos 74
Camera Options 75
Camcorder Options 82
Zoom 87
Brightness 87
The Photo Gallery 87
Point, Click, and Send Pictures and Videos 88
Section 12: Multimedia 90
Accessing Multimedia 90
Music Player 90
My Images 93
My Videos 94
My Ringtones 95
My Sounds 96
Shuffle 99
Section 13: Tools 102
Tools Menu 102
Voice Service 102
Bluetooth 107
Calendar 109
Memo Pad 111
Alarm Clock 112
World Time 113
Calculator 115
Stop Watch 115
Converter 116
Tip Calculator 118
Section 14: Changing Your Settings 119
Location 119
Display Settings 119
Sounds Settings 123
Call Settings 125
Phone Settings 128
Memory Info 134
Software Update 139

Section 15: Phone Info 140
Phone Number 140
Icon Glossary 140
Version 140
Section 16: Health and Safety Information 141
Health and Safety Information 141
Samsung Mobile Products and Recycling 142
UL Certified Travel Adapter 142
Consumer Information on Wireless Phones 143
Road Safety 148
Responsible Listening 150
Operating Environment 151
Using Your Phone Near Other Electronic Devices 152
FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices 152
Potentially Explosive Environments 154
Emergency Calls 154
FCC Notice and Cautions 155
Other Important Safety Information 156
Product Performance 156
Availability of Various Features/Ring Tones 157
Battery Standby and Talk Time 157
Battery Precautions 157
Care and Maintenance 159
Section 17: Warranty Information 160
Standard Limited Warranty 160
Index 164

Section 1: Getting Started

This section explains how to start using your phone by activating your service, setting up your voice mail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 164.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 141.

Notes and Tips

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

- **Notes:** Explain alternative options within the current feature, menu, or sub menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important:** Points out important information about the current feature that could affect performance, or even damage your phone.

Activating Your Phone

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

Install the Battery

Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery.

1. Insert the top end (1) of the battery first, matching the gold contacts on the top end of the battery to those inside of the phone.
2. Press the bottom end of the battery (2) down into the phone.
3. Place the battery cover over the battery and slide the cover upward into place (3) until it clicks.

Turn Your Phone On

1. Open the flip on your phone, as shown.
2. Press the [END] key.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date, and day appear at the top of the display.
5. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area (R), the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

1. Open the flip on your phone, if closed.
2. Press and hold the [END] key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press [END] for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Remove the Battery

Important!: You must unplug the Travel Adapter (if it is connected) before removing the battery from the phone during charging to avoid damage.

1. Press and hold the [END] key to turn off the phone (if on).
2. Move the cover latch (1) toward the bottom end of the phone.
3. Lift the cover (2) up and away from the phone, bottom end first.
4. Lift the battery up (3) and away (4) from the phone, bottom end first.

Charging the Battery

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

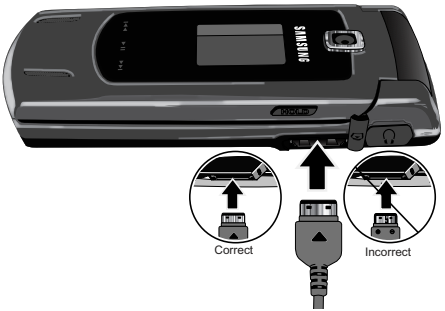
Using the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.

1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Note: For connection to an electrical supply not located in North America, you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector on the left side of your phone.



Note: With the device turned OFF, a discharged battery recharges fully in approximately 4 hours.

Low Battery Indicator

The battery indicator (▮▮▮▮) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Three bars (▮▮▮▮) indicate a full charge.
- An empty battery icon (▭) indicates a near empty battery.
- A blinking empty battery icon (▭) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone shuts down.

Setting Up Your Voice Mail

Voice mail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your voice mail account has been set up, you can use the Voice Mail folder (under the Message menu) to view details of voice messages in your voice mail box.

1. In standby mode, press and hold the 1 key or dial your own mobile number to dial voice mail.
2. Follow the prompts in the new user tutorial to setup your voice mail box.

Listening to Voice Mail

1. In standby mode, press and hold the 1 key or dial your own mobile number to dial voice mail. After connecting, you will hear your voice greeting.
2. You are then prompted to enter your password.

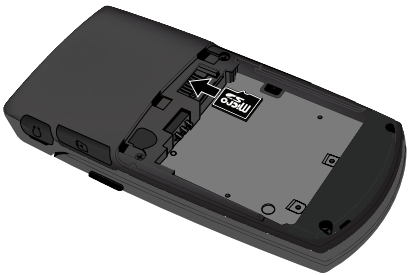
3. Enter your password and follow the prompts to listen to your voice mail.

Memory Card (Optional)

Your phone has a memory card slot in the battery cavity, above the battery. You can install a microSD™ card to provide additional memory for storing files (such as, sound files and photos) in your phone.

Install a Memory Card

1. Removed the cover latch and battery. (For more information, refer to *"Remove the Battery"* on page 6.)
2. Make sure that the gold contacts of the card are face down. Slide the memory card into the memory card slot.



3. Replace the battery and cover.

Remove a Memory Card

1. Removed the cover latch and battery. (For more information, refer to *"Remove the Battery"* on page 6.)
2. Remove the memory card from the memory card slot.
3. If desired, install another memory card. (For more information, refer to *"Install a Memory Card"* on page 8.)
4. Replace the battery and cover.

Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA EVDO Technology)
- Global Positioning (GPS) Technology
- Personal Information Management (PIM) functions (Calendar, Calculator, and so on)
- Video Messaging
- MMS Messaging
- Text Messaging
- Email Messaging
- 2.0 Megapixel Camera with Camcorder function
- Advanced Music Player (MP3 compatible)
- Advanced Speech Recognition
- Speakerphone
- microSD™ Memory Card slot
- Bluetooth® Wireless Technology (see Note)

Note: The Samsung Muse phone supports the wireless headset, handsfree, dial-up networking, A2DP, Phonebook Access, object push, serial port, file transfer profiles for Bluetooth® wireless technology. The Samsung Muse does not support all Bluetooth OBEX profiles.

Closed View of Your Phone

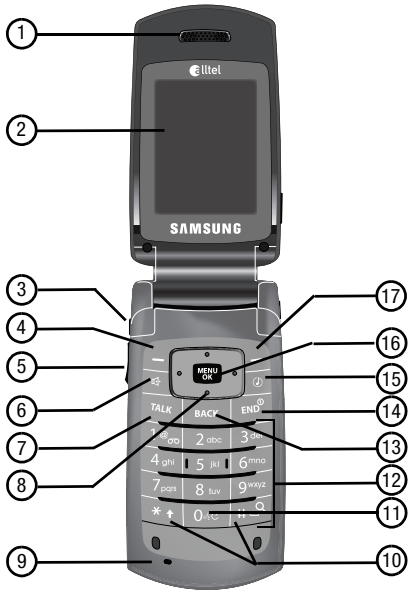
Features

1. **Camera Lens** — The lens of your built-in camera.
2. **Camera/Camcorder** — With the phone closed and idle, pressing and holding this key launces the Camera feature, then pressing this key takes and saves a picture.
3. **Volume Keys** — With the phone closed and idle, turns on the front display backlight when pressed.
   When receiving a call, mutes the ringer.
   When playing music, adjusts the Media Player volume.
4. **Front Display** — Indicates the status of your phone, including status icons, message indicators, signal strength, and so on. Shows time and date.
5. **Mirror** — Used to center the image when taking self-portraits.
6. **Stereo Speakers** — Enabled by Speakerphone key or Media Player for handsfree operation or to play music.

7. **Hold** — With the phone closed and idle, launches the Music Player in your phone when pressed and held. **Power/ Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone.
8. **Headset Connector** — Lets you plug in an optional headset for safe, convenient, hands-free conversations.

Front Open View of Your Phone

Features



1. **Earpiece** — Lets you hear the other caller.
2. **Main Display** — Indicates the status of your phone, including status icons, message indicators, signal strength, and so on. Shows menus, calls, and messages.
3. **Camera/Camcorder** — With the flip open, launches the Camera in your phone.
   When in Camera or Camcorder mode, switches between Camera and Camcorder.
4. **Left Soft Key** — Used to navigate through menus and applications and to select the choice available in the Left Soft key option.
5. **Volume Keys** — With the phone open and idle, adjusts the call ringer volume when pressed.
   When receiving a call, mutes the ringer.
6. **Speakerphone Key** — Press and hold to turn Speakerphone mode On and Off.
7. **TALK Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.

8. **Navigation Key** — Lets you scroll through the phone menu options.
9. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
10. **Special Function Keys** — Enters special characters and performs various functions. For example, pressing and holding the asterisk key [*] toggles the lock function on the phone.
    In text mode, pressing the pound key [#] inserts a space.
    In Standby mode, pressing and holding the pound key [#] operates the Jump Tab feature.
11. **Voice Recognition Key** — Launches VoiceSignal options by pressing and holding the [0] key.
12. **Alphanumeric Keys** — Use these keys to enter numbers, letters, and characters.
13. **BACK Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
14. **END Key** — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
15. **Music Key** — Launches Music options.
16. **MENU/OK Key** — In idle mode, launches the Main Menu.
    When navigating through a menu, accepts the highlighted choice in the menu.
17. **Right Soft Key** — Used to navigate through menus and applications and to select the choice available in the Right Soft key option.

Command Keys

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

Left Soft Key

Some functions of the left soft key are as follows.

- In standby mode, press the **Celltop** (left) soft key ([–]) to launch the Celltop application. (For more information, see the Celltop user guide.)
- When the left soft key function is Edit, press the **Edit** (left) soft key ([–]) to edit a Contact.

- When the right soft key function is Erase, press the **Erase** (left) soft key ( ) and a pop-up window appears prompting you to confirm the erasure.

Right Soft Key

Some functions of the right soft key are as follows.

- In standby mode, press the **Message** (right) soft key ( ) to open the Messages menu.
- When the right soft key function is Back, press the **Back** (right) soft key ( ) to back up one menu level.
- When the right soft key function is Options, press the **Options** (right) soft key ( ) and a pop-up menu appears.

OK Key

- In standby mode, press the **MENU** key ( ) to open the main menu.
- In a menu, press the **OK** key ( ) to accept the highlighted selection.
- In camera mode, press the **OK** key ( ) to take a photo or to create a Pic message.
- When the **OK** key function is Edit, press the **Edit** (OK) key ( ) to edit a Draft message.

Speakerphone Key

In standby mode or during a call, pressing and holding the Speakerphone key ( ) places your phone in speakerphone mode, allowing you to use your phone handsfree and/or to include other nearby persons in a call. (For more information, refer to *"Responsible Listening"* on page 150.)

In speakerphone mode, pressing and holding the Speakerphone key ( ) disables speakerphone mode.

Voice Recognition Key

In standby mode, pressing and holding the Voice Recognition key ( ), launches the VoiceSignal application, enabling you to use spoken commands to control your phone. For more information, refer to *"Voice Service"* on page 102.

Music Key

In standby mode, pressing the **Music** key launches the music options for your phone.

BACK Key

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

1. If you enter an incorrect character, briefly press to backspace (and delete) the character.
2. To erase the entire sentence, press and hold .
3. To back up one menu level, briefly press .

4. To return to standby mode, press and hold [BACK] until you return to standby mode.

END Key

1. In standby mode, press and hold the **END** key ([END]) to turn your phone off.
2. Briefly press [END] once to disconnect a call.
3. Press [END] to return to standby mode from any menu, or to cancel the last input.
4. With your phone turned off, press [END] to turn your phone on.

TALK Key

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

1. Press [TALK] once to answer calls.
2. Enter a number and briefly press [TALK] to make a call.
3. Briefly press [TALK] in standby mode to display a list of recent calls to and from your phone.
4. Press [TALK] twice in standby mode to call the most recent number.
5. Press [TALK] to pick up a waiting call. Press [TALK] again to switch back to the other call.

Navigation Key

Use the directional keys on the Navigation key ([NAV]) to browse menus, sub-menus, and lists. In standby mode, the directional keys also act as shortcuts to launch applications.

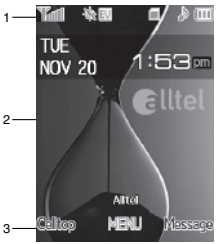
Camera Key

In standby mode, momentarily press the Camera key ([CAM]) — located on the left side of your phone — to activate the camera built into your phone.

With the phone closed, you can use the Camera feature by pressing and holding the Camera key. Then press the button to take a picture.

With the phone opened, you can use the Camera feature by pressing the Camera button. Press the button again to toggle between the camera and the camcorder mode.

Understanding the Display Screen



1. The top line of your phone's main display contains icons that indicate network status, battery power, signal strength, connection type, and more.
2. The center portion of the main display shows information such as call progress information, messages, and photos.
3. The bottom line of the main display shows current soft key functions. The sample screen shows that pressing the **Left** soft key ( ) will launch the **Celltop** application, pressing the **MENU** key ( ) will display the Main Menu, and pressing the **Right** soft key ( ) will show the **Messages** menu.

Display Screen Icons

Your Samsung Muse can show you definitions of the icons that appear on the top lines of the front and main displays. To access the Icon Glossary:

- In standby mode, press the **MENU** key ( ), then press 9 (for **Phone Info**) and 2 or **Icon Glossary**. A list shows of the icons that can appear on the top line of the display.

Dialogue Boxes

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

- **Choice**
  - Example: "Save message?"
- **Reconfirm**
  - Example: "Erase all messages?"
- **Performing**
  - Example: "SENDING..." "Connecting..."
- **Completed**
  - Example: "Message saved"
- **Information**
  - Example: "New Message"
- **Error**
  - Example: "Card not available, Insert card"

- **Warning**
  - Example: “Low Battery,” “Memory Full!”

Backlights

Backlights illuminate the display and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: Prolonged backlight use drains your battery faster.

For more information, refer to *“Backlight”* on page 122.

Your Phone’s Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 1 oo for **Call Answer**. The following call answer options appear in the display:
   - **Any Key** — Pressing any key except the END key or the flip key answers a call.
   - **Talk Key** — Only pressing TALK answers a call.
   - **Flip Open** — Only opening the flip or pressing TALK answers a call.

Tip: You can set your phone to answer calls automatically, without any input from you. (For more information, refer to *“Auto Answer”* on page 126.)

2. Use the Navigation key to highlight an option.
3. Press the MENU OK key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the Left soft key ( ), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Abc**, **ABC**, **123**, and **Symbols**. (For more information, refer to *“Entering Text”* on page 34.)

Tip: You can also cycle between T9 Word, Abc, and 123 by repeatedly pressing and holding the * key.

Lock Modes

Phone Lock

When the phone is in Phone Lock mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Phone Lock mode also restricts access to menus and the volume key. Unlock your phone by entering the

lock code when prompted. (For more information, refer to *"Lock Phone"* on page 128.)

Standby Mode

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

- After you power the phone on.
- When you press [END] after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all active phone status icons.

1. While in standby mode, enter a phone number, and press [TALK] to place a call.
2. Press [END] to end the call and return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following options also appear in the display:

- **View Now**
- **View Later**

Use the Navigation key to highlight the desired option and press the [MENU OK] key.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in Talk mode. Press the **Options** (right) soft key ([ ]) to display a list of menu options. For more information, refer to *"The In-Use Options"* on page 32.

Speakerphone Mode

While in standby mode or Talk mode, press and hold the Speakerphone key ([ ]) to switch from using the earpiece to the speakerphone (speakerphone option) and back to using the earpiece. Use the volume keys — located on the left side of your phone — to adjust the volume.

In Speakerphone mode, press and hold the Speakerphone key ([ ]) to switch back to using the earpiece.

Vibrate Mode

Silence all tones your phone makes and replace them with vibrations.

- In standby mode, repeatedly press and the Down volume key ([ ]) until **Vibrate** appears in the display.

  The volume key is on the upper left side of phone, near the upper left soft corner of the display.

Adjust the Ringer

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

   - **High**
   - **Medium/High**
   - **Medium**
   - **Low**
   - **1 Beep**
   - **Vibrate**
   - **Silence All**

2. When you are satisfied with the setting, press the SET key ( ). Your phone returns to standby mode.

Tip: You can also access the Volume-Voice Calls sub-menu by pressing the **MENU** key ( ), then pressing the 8, 3, 1, and 1 keys. Use the Navigation key or the Volume key (on the upper left side of your phone) to adjust the ringer volume setting.

Note: The Vibrate icon ( ) appears in the display when the phone is in Vibrate mode.

Section 3: Call Functions

This section explains how to make or answer a call. This section also includes the features and functionality associated with making or answering a call.

Making a Call — Number Entry Dialing

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

Dialing Emergency Numbers

To place an emergency call:

1. With the phone on, enter 911 using the keypad.
2. Press the TALK key to place the call.

You can specify other numbers as emergency numbers using the **Emergency #** settings. (For more information, refer to *"Emergency #"* on page 129.)

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

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

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

Dialing International Numbers

Call another country from the U.S.

1. In standby mode, enter the three-digit exit code (011) for the United States.
2. Enter the country code for the country that you are calling.
3. Enter the number that you wish to call, then press the TALK key.

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

Placing calls when outside the U.S. — Mexico

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

Manual Pause Calling

When you call automated systems (like 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 Contacts along with special characters called pauses.

- **P pause** — A hard pause stops the calling sequence until you press the TALK key.
- **T pause** — A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

To manually call a number with pause(s) without storing it to your Contacts:

1. Enter the number you wish to call.
2. Press the **Options** (right) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Search**
   - **P pause** — a hard pause (awaits input from you).
   - **T pause** — a two-second pause.
   - **Send Message** — send a text, picture, or video message.
3. Use the navigation keys to highlight the desired pause option.
4. Press MENU OK to enter the highlighted pause into your number sequence.
5. Press TALK to call the number.

Making a Call — Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for your contacts. (For more information, refer to *"Assigning Speed Dial Numbers"* on page 46.)

One-Touch Dialing

Speed Dial numbers 002 through 009 are special One-Touch dialing numbers. You can call the phone numbers stored in your

phone's Contacts list and assigned Speed Dial numbers 002 through 009 by pressing and holding a single key.

Example: For Speed Dial number 003, press and hold the 3 key 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 dialing locations.

Example: For location number 013, briefly press the 1 key, then press and hold the 3 key until the name and number appear in the display and the number is dialed.

Three-Touch Dialing

Memory locations 100 through 999 are special Three-Touch dialing locations.

Example: For location number 113, briefly press the 1 key, briefly press the 1 key again, then press and hold the 3 key until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

- If you speed dial a contact that contains (two-second) T pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you speed dial a contact that contains (hard) P pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Making a Call — Quick Search Dialing

Use the **Quick Search** feature to dial any number stored in your Contacts list by pressing the number keys that correspond to the first few letters of a Contact name.

Activating Quick Search

1. In standby mode, press the **MENU** key (MENU OK), then press 8 (for **Settings**), 5 for **Phone Settings** and 7 for **Quick Search**.
2. Use the navigation keys to highlight On, then press MENU OK to set the **Quick Search** feature.

Quick Search Dialing a Contact

To find and dial a Contact, do the following:

1. In standby mode, press the Down navigation key. The **Contact List** screen appears.
2. Press the number keys that correspond to the first few letters of the Contact name. The desired Contact name is highlighted.
3. Press TALK to call the number.

Making a Call — Voice Dialing

Your Samsung mobile phone includes state-of-the-art voice recognition software that lets you dial numbers using your voice.

Using Voice Dial

Use the **Voice Dial** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use Voice Dial to dial any valid telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold the 0+ key.

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

2. Say, "**Call**".

   You are prompted to "**Say the name or #**".

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, Voice Dial repeats the name and dials the number.

   If Voice Dial is not sure which name you said, it displays a choice list of up to three names and prompts you with "Did you say?" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *"Choice Lists"* on page 104.)

   - Press the **Repeat** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ), then press the Exit (right) soft key ( ) to exit Voice Dial without dialing.

   If the recognized name has multiple numbers stored for it (that is, Home, Work, Mobile, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"

5. Say one of the following number types:

   - "**Home**"

- "**Work**"
- "**Mobile**"
- "**My Circle**"

Voice Dial dials the specified number.

Dialing a Number

To dial a number using Voice Dial, do the following:

1. In standby mode, press and hold the 0 key.

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

2. Say "**Call**".

   VoiceSignal prompts you to "**Say the name or #**".

3. Speak clearly and say the telephone number of the person you want to call. For example, say "7 8 1 9 7 0 5 2 0 0."

   If it recognizes the number, Voice Dial repeats and dials the number. If Voice Dial is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (For more information, refer to *"Choice Lists"* on page 104.)

   - Press the **Repeat** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ), then press the **Exit** (right) soft key ( ) to exit Voice Dial without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains (two-second) T pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains (hard) P pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Your phone notifies you of a call in the following ways:

- A ring tone sounds and/or your phone vibrates (Your phone provides seven ring volume settings including: **Silence All**, **Vibrate**, **1 Beep**, **Low**, **Medium**, **Medium/High**, or **High**, and/or different ring types to distinguish callers.)
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).

- If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.
- Your phone continues to notify you of the call until one of the following events occurs:
- You answer the call.
- You ignore the call.
- The calling party ends the call.
- The call is sent to voicemail.

Answering an Incoming Call

▶ Press the TALK key. The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to answer calls when you press any key but the END key or automatically. (For more information, refer to *"Call Settings"* on page 125.)

Ignoring a Call

When you ignore an incoming call, the call is immediately forwarded to your voice mail.

▶ During an incoming call, press the **Ignore** (right) soft key ( ). The caller is forwarded to your voice mail.

Adjusting the Call Volume

In standby mode, repeatedly press the volume key ( ) down until the Call Volume Level desired appears in the display. The volume key is on the left side of phone.

Calls Log

The Calls log retains information about Outgoing, Incoming, and Missed calls. You can also view times for your last call and the time totals for all calls.

Review the Calls Log

1. In standby mode, press the **MENU** key (MENU OK). The Main Menu appears in the display.
2. Press the 5 JKL key (for **Calls**).
3. Press the number key associated with the Calls log that you wish to review or the function you wish to access:
   - Press 1 @ for **Outgoing Calls**.
   - Press 2 ABC for **Incoming Calls**.
   - Press 3 DEF for **Missed Calls**.
   - Press 4 GHI for **All Calls**.
   - Press 5 JKL for **Data Call**.
   - Press 6 MNO for **Call Timer**.
   - Press 7 PRS for **Data Counter**.

Note: In cases where there is a Contacts match for a Calls log entry, the name associated with the number appears in the display instead of the number.

Outgoing Calls

Your phone retains information about the last 90 outgoing calls and stores them in the Outgoing calls log. You can review the Outgoing calls log for the time and date of a call, as well as other information.

Note: To quickly view your most recent calls, briefly press [Nav] in standby mode. Up to 270 of your most recent outgoing, incoming, and missed calls appear in the display.

1. In standby mode, press the **MENU** key (MENU OK), then press [5 jkl] (for **Calls**) and [1 ∞] for **Outgoing Calls**. A list of your outgoing calls appears in the display.
2. Use the navigation keys to highlight a call, then press MENU OK to view further information about the call.
3. Press the Options (right) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Save** — Save the number to your Contacts.
   - **Details** — Calls to Contacts Only — Shows the entry for the called Contact.
   - **Erase** — Erase the selected call from your Outgoing call log.
   - **Lock/Unlock** — Protect the selected call from being erased.
   - **Erase All** — Erase all calls from your Outgoing call log.
   - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, and Lifetime Calls.
4. Press the **Msgs** (left) soft key ( ). The following options appear in the display:
   - **Text Message** — Lets you send a text message to the selected number called.
   - **Picture Message** — Lets you send a picture message to the selected number called.
   - **Video Message** — Lets you send a video message to the selected number called.

Note: For more information, refer to *"Creating and Sending New Messages"* on page 52.

5. Use the navigation keys to highlight an option.
6. Press the MENU OK key to perform the highlighted option's function.

Incoming Calls

Your phone retains information about the last 90 Incoming calls and stores them in the Incoming call log. You can review the

Incoming call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 JKL (for **Calls**) and 2 ABC for **Incoming Calls**. A list of your Incoming calls appears in the display.
2. Use the navigation keys to highlight a call, then press MENU OK to view further information about the call.
3. Press the **Options** (right) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Save** — Save the number to your Contacts.
   - **Details** — Calls from Contacts Only — Shows the entry for the calling Contact.
   - **Erase** — Erase the selected call from your Incoming calls log.
   - **Lock/Unlock** — Protect the selected call from being erased.
   - **Erase All** — Erase all calls from your Incoming calls log.
   - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, Lifetime Calls.
4. Press the **Msgs** (left) soft key ( ). The following options appear in the display:
   - **Text Message** — Lets you send a text message to the selected calling number.
   - **Picture Message** — Lets you send a picture message to the selected calling number.
   - **Video Message** — Lets you send a video message to the selected number called.

Note: For more information, refer to *"Creating and Sending New Messages"* on page 52.

5. Use the navigation keys to highlight an option.
6. Press the MENU OK key to perform the highlighted option's function.

Missed Calls

Your phone retains information about the last 90 missed calls (calls that were never picked up) and stores them in the Missed call log. You can review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 JKL (for **Calls**) and 3 DEF for **Missed Calls**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press MENU OK to view further information about the call.
3. Press the **Options** (right) soft key ( ). A pop-up menu containing the following options appears in the display:

- **Save** — Save the number to your Contacts.
- **Details** — Calls from Contacts Only — Shows the entry for the calling Contact.
- **Erase** — Erase the selected call from your Missed call log.
- **Lock/Unlock** — Protect the selected call from being erased.
- **Erase All** — Erase all calls from your Missed call log.
- **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, Lifetime Calls.

4. Press the **Msgs** (left) soft key (−). The following options appear in the display:
   - **Text Message** — Lets you send a text message to the selected called number.
   - **Picture Message** — Lets you send a picture message to the selected called number.
   - **Video Message** — Lets you send a video message to the selected number called.

Note: For more information, refer to *"Creating and Sending New Messages"* on page 52.

5. Use the navigation keys to highlight an option.
6. Press the MENU OK key to perform the highlighted option's function.

All Calls

You can review all of the calls log entries (outgoing, incoming, and missed calls) for the time and date of a call, as well as other information.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 jkl (for **Calls**) and 4 ghi for **All Calls**. A list of all logged calls appears in the display.
2. Use the navigation keys to highlight a call, then press MENU OK to view further information about the call.
3. Press the **Options** (right) soft key (−). A pop-up menu containing the following options appears in the display:
   - **Save** — Save the number to your Contacts.
   - **Details** — Calls from Contacts Only — Shows the entry for the calling/called Contact.
   - **Erase** — Erase the selected call from your Calls log.
   - **Lock/Unlock** — Protect the selected call from being erased.
   - **Erase All** — Erase all calls from your Calls log.
   - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, Roaming Calls, All Calls, Last Reset, Lifetime Calls.
4. Press the **Msgs** (left) soft key (−). The following options appear in the display:

- **Text Message** — Lets you send a text message to the selected calling/called number.
- **Picture Message** — Lets you send a picture message to the selected calling/called number.
- **Video Message** — Lets you send a video message to the selected number calling/called.

Note: For more information, refer to *"Creating and Sending New Messages"* on page 52.

5. Use the navigation keys to highlight an option.
6. Press the MENU OK key to perform the highlighted option's function.

Data Call

Your phone retains information about the last 10 data calls and stores them in the Data call log. You can review the Data call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 JKL (for **Calls**) and 5 JKL for **Data Call**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press MENU OK to view further information about the call.
3. Press the **Options** (right) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **Erase** — Erase the selected call from your Data call log.
   - **Lock/Unlock** — Protect the selected call from being erased.
   - **Erase All** — Erase all calls from your Data call log.
   - **Data Counter** — Shows the amount of data Transmitted and Received during this call, the Total amount of data exchanged during this call, and the total amount of data exchanged since the phone was activated.
4. Use the navigation keys to highlight an option.
5. Press the MENU OK key to perform the highlighted option's function.

Call Timer

View the duration of your last call, total calls, and calls made during the life cycle of you phone using the Call Timer feature.

Note: Call Timer is not for billing purposes.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 JKL (for **Calls**) and 6 MNO for **Call Timer**. The following options appear in the display:
   - **Last Call** — View the duration of your last call.

- **Outgoing Calls** — View the duration of the total outgoing calls made on your phone since the last erasure.
- **Incoming Calls** — View the duration of the total incoming calls received on your phone since the last erasure.
- **Roaming Calls** — View the total calls duration on your phone while roaming since the last erasure.
- **All Calls** — View the duration of the total call, incoming, outgoing, and data calls made on your phone since the last erasure.
- **Last Reset** — View the time and date all timers were last reset.
- **Lifetime Calls** — View the duration of all calls since your phone was activated.

2. Press the **Reset** (left) soft key ( ) to reset a selected counter except Last Reset and Lifetime Calls.
3. Press the **Reset All** (right) soft key ( ) to reset all counters except Lifetime Calls.
4. Press the MENU OK key or the END key if you wish to exit the list.

Note: Although Total call timers can be erased, the Lifetime call timer can never be erased.

Data Counter

View the amount of Transmit data, Receive data, and Total data transmitted or received since the last time you reset the data counters, and the Lifetime amount of data transmitted or received.

Note: Data Counter is not for billing purposes.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 JKL (for **Calls**) and 7 PQRS for **Data Counter**. The following options appear in the display:
   - **Transmitted** — View the total amount of data transmitted by your phone since the last reset.
   - **Received** — View the total amount of data received by your phone since the last reset.
   - **Total** — View the total amount of data sent or received by your phone since the last reset.
   - **Last Reset** — View the time and date all timers were last reset.
   - **Lifetime Data Counter** — View the total amount of data sent or received by your phone since activation (Lifetime Data Counter cannot be reset).
2. Press the **Reset** (left) soft key ( ) to reset a selected counter except Last Reset and Lifetime Data Counter.

3. Press the **Reset** All (right) soft key ( ) to reset all counters except Lifetime Data Counter.
4. Press the MENU OK key or the key if you wish to exit the list.

Note: Although Total data counters can be erased, the Lifetime Data Counter can never be erased.

Roaming

What is Roaming?

Roaming lets you use your The Samsung Muse phone when you travel outside of your Wireless Provider's coverage area. The Roaming icon (R) appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

Note: Some features may be unavailable while roaming. Roaming also consumes additional power from the battery requiring more frequent recharging. Contact your Wireless Provider for more information about Roaming.

How Roaming Works

Roam Option lets you set roaming preferences if you move in and out of your home network. The following roaming options are available:

- **Home only** — Your phone is available for normal operation only in the designated coverage area.
- **Automatic-A** — Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital "A" system is acquired.
- **Automatic-B** — Your Wireless Provider's PRL is used to acquire service. If no preferred networks are found, any digital "B" system is acquired.

Note: For more information, refer to *"System Select"* on page 132.

Section 4: Menu Navigation

This section explains the menu navigation for your phone. It also includes an outline of the menus available with your phone.

Menu Navigation

Access menus using the **MENU** key (MENU OK), the navigation keys, the two soft keys ( ), or a shortcut.

1. In standby mode, press the **MENU** key (MENU OK). The first of several menus appears in the display.
2. Use the navigation keys to browse phone menus.
3. Press the MENU OK key to access a menu or sub-menu highlighted in the display.

Return to the Previous Menu

Press the BACK key or the **Back** (right) soft key ( ) to return to the previous menu.

Navigate Using Shortcuts

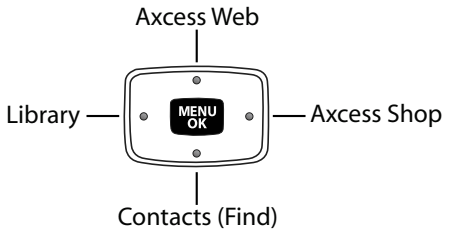
You can also access menus and sub menus using menu numbers. This method is often called a "shortcut." To shortcut to a menu or sub menu, press the **MENU** key (MENU OK), then enter the menu and/or sub menu number(s) for the feature in question.

1. In standby mode, press the **MENU** key (MENU OK). The main menu appears in the display.
2. Press the number of the menu, sub menu, and so on to arrive at the desired feature.

Note: For more information, refer to *"Menu Outline"* on page 33.

Navigation Key Shortcuts

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



The In-Use Options

Access numerous menus and features even while in a call.

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

1. While in a call, press the **Options** (right) soft key ( ). The following menu items appear in the display:

   - **Contacts** — The Contacts **Find** screen appears in the display.
   - **Call History** — View, respond to, and manage your recent outgoing, incoming, and missed calls.
   - **Message** — The Messages menu appears in the display. (For more information, refer to *"Messaging"* on page 52.)
   - **Connect Bluetooth** — Connects a Bluetooth device, such as a headset, in place of the phone's earpiece and microphone.
   - **Speakerphone** — Enables Speakerphone mode to share the call with others nearby.
   - **Voice Memo** — Record a voice memo.

   Do one of the following:

   - Use the Navigation key to highlight a menu or feature. Press the MENU OK key to open the highlighted menu or to activate the highlighted feature.
   - Press the BACK key to exit the menu.

Tip: You can block sound going to the other party(ies) on this call by pressing the Mute / Unmute (left) soft key ( ). This can reduce noise on conference calls.

Menu Outline

Use the menu shortcuts on the following pages to quickly access sub menus. Press the **MENU** key (MENU OK) to access the Main Menu, then use the navigation keys to highlight a sub-menu.

Section 5: Entering Text

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the amount of key strokes associated with entering text.

Text Entry Modes

You can compose text messages using alphabetical characters, symbols, and numbers. Each method of character entry (symbol, number, and so on) is called a text entry mode. There are four text entry modes, as indicated:

- **Alpha**—Alphabetical text entry mode. Options are:
  - **ABC** — All upper case
  - **Abc** — Initial capital
  - **abc** — All lower case
- **Symbols** — Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above it in the display.
- **123** — Number entry. 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.

Your current mode of text entry [**Abc**, **123**, or **T9 Word**] is indicated in the lower left part of the display when composing a text message.

Changing the Text Entry Mode

1. While composing a text message, press the Left soft key ( ). A pop-up menu containing the following options appears in the display:
   - **T9 Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
   - **Add T9 Word**

   Abc is highlighted. Use the Up and Down navigation keys to choose any of the other four text entry modes. Uses of the text entry modes are explained in greater detail in "*Messaging*" on page 52.

Entering Text in Alpha (Abc) Mode

1. Enter characters while in **Alpha** (Abc) mode by pressing the

key with the desired characters (such as, pressing 4 ghi once for “G”).

2. Press the key repeatedly until the desired character appears in the display (such as, pressing 4 ghi two times for “H”).
3. Pause briefly and the displayed character is accepted and inserted into your message.
4. Press the # key to enter a space.

Entering Text in T9 Word Mode

T9 Word recognizes commonly used words for a sequence of keypresses and inserts the word into your message. Using T9 mode is much faster than the more traditional method Alpha mode, since T9 requires only one key press per letter of the word that you are spelling.

Note: See *“Changing the Text Entry Mode”* on page 34 for instructions on changing text entry modes.

1. While in **T9 Word** mode, press each key that corresponds to a desired letter, in sequence, one time. A list of words and/or abbreviations pops-up at the bottom of the text entry screen.

Example: If you press the key sequence 2 abc 2 abc 3 def, the word “Bad” is likely to appear in the text entry field. In the pop-up list, “Bad”, “Ace”, and “Caf” appear.

2. When you have completed pressing all the keys for the desired word, review the word appearing in the text entry field and pop-up list.
3. If the word in the text entry field is not the one you meant to enter, use the Up and Down navigation keys to highlight the desired word in the pop-up list.

Example: When you press the key sequence 2 abc 6 mno 3 def, the word “And” appears on the screen. Suppose the word you want is “cod”. Just press the Up and Down navigation keys until “Cod” is highlighted in the display.

4. Press the MENU OK key to accept the highlighted word.

For practice, enter the word ‘Samsung’ into your message by pressing each of the following keys only once:

S a m s u n g

T9 Word recognizes that the most commonly used word for the sequence of keys you just pressed is “Samsung.”

Tip: To enter words not likely to be in the T9 Word dictionary, such as uncommon abbreviations or slang, try changing the text entry mode from T9 Word to Abc or ABC.

Adding Words to the T9 Word Dictionary

If pressing the keys corresponding to a word you want to enter and then scrolling through the pop-up list does not display that word, do the following:

1. Clear the word using the BACK key.
2. Change the text entry mode to **Add T9 Word**.

Note: See *“Changing the Text Entry Mode”* on page 34 for instructions on changing the text entry mode to **Add T9 Word**.

3. Enter the word you want to add to the T9 Word dictionary.

Note: In **Add T9 Word** mode, you enter a word using the same multiple keypress method as when in Abc text entry mode.

4. Press the **OK** key (MENU OK). The word is added to the T9 dictionary.

Entering Upper and Lower Case Letters

In Abc and T9 Word modes, you can select to enter only upper case letters (**ABC/T9 WORD**), only lower case letters (**abc/T9 word**), or a mix of the two (**Abc/T9 Word**).

1. While in **T9 Word** or **Abc** mode, repeatedly press the * key to change the capitalization setting.

   The left soft key label changes to indicate the current capitalization setting.

   For example, if the left soft key label is **ABC**, and you want to enter the word “BALL”, press the * key until the left soft key label changes to abc, then enter the word “ball”.

Tip: To enter a capital letter within a word, such as “SimTam”, change the capitalization setting to Abc at the beginning of the word and before entering the “T”. The capitalization setting will automatically change to abc after you enter each upper case letter.

Entering Numbers

Enter numbers into a text message while in number mode (123).

Note: See *“Changing the Text Entry Mode”* on page 34 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.

Entering Symbols

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

1. In standby mode, press the **Message** (right) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message** to compose a new text message.
2. Enter the phone number of the recipient, then press the MENU OK key.
3. Press the Left soft key ( ). A pop-up menu containing the following options appears in the display:
   - **T9 Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
   - **Add T9 Word**
4. Use the Up and Down navigation keys to highlight **Symbols**, then press the MENU OK key. The first of three screens of symbols appears in the display.
5. Use the **Prev** (left) soft key ( ) and the **Next** (right) soft key ( ) to page through the other symbols, if necessary.
6. Press the key that corresponds with the symbol that you wish to enter. For example, press 4 for an exclamation point (!).

Note: You can also use the navigation keys to highlight the desired symbol and then press the MENU OK key to enter the selected symbol into your message.

7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Section 6: Understanding Your Contacts

This section explains how to manage your daily contacts by storing their name and number in your Contacts. Contacts entries can be sorted by name.

Your Contacts List

Your Contacts list can store up to 500 entries, with each contact having up to five associated phone numbers, an email address, and a picture ID.

Each phone number can be up to 48 digits in length, including hard pauses. Contact names can be up to 32 characters in length. You can also specify a memory location for each entry, and you can restrict access to the Contacts list to prevent unauthorized use.

Tip: One-Touch, Two-Touch, and Three-Touch Dialing allow you to call numbers stored in your Contacts list faster. (See page 21.)

Open Your Contacts List

1. In standby mode, press the **MENU** key (MENU OK), then press 4 ghi for **Contacts**. The following Contacts sub-menus and options appear in the display:
   - **Find** — Find a phone number by entering a Contact name.
   - **Add New Contact** — Add a number or email to your Contacts.
   - **Speed Dial** — Assign speed dial numbers to your Contacts.
   - **Group** — Rename one of your five Contacts groups.
   - **Memory Info** — View available memory for dial entries.
2. Use the navigation keys to highlight the Contacts sub-menu or option of your choice, and press the MENU OK key.

Tip: You can also access a sub-menu or menu option by pressing the number key corresponds to the menu item number. For example, press 2 abc for **Add New Contact**.

Adding a New Contacts Entry

You can add an entirely new entry to your Contacts list or add information to an existing entry.

Using the Contacts Add Option

1. In standby mode, press the **MENU** key (MENU OK), then press 4 ghi (for **Contacts**) and 2 abc for **Add New Contact**. The New Contact screen appears in the display with the **Name** field highlighted.

2. Enter a name or phrase to associate with the type using the keypad. (For more information, refer to *"Entering Text"* on page 34.)
3. Use the navigation keys to highlight each field.
4. Enter a phone number (**Mobile**, **Home**, or **Work**) or an email address (**Email 1**) for the new Contacts entry.
5. If desired, assign the new Contact to a **Group**. This lets you send messages to and find this Contact and other related contacts. (For more information, refer to *"Group"* on page 43.)
6. If desired, select a unique **Ringtone** to identify this new Contact. (For more information, refer to *"Ringer Type"* on page 123.)
7. If desired, enter an additional phone number (**My Circle** or **Fax**) or email address (**Email 2**) for the new Contacts entry.
8. If desired, select an identifying image by highlighting the photo ID field and pressing the **Set** (left) soft key ( ). The **My Images** screen appears in the display. (For more information, refer to *"My Images"* on page 93..)
9. Press the **SAVE** key ( ) to save the new Contacts entry.

Saving a Number from a Call

Once you've finished a call, you can save the number of the caller to your Contacts list.

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

1. After you press the key to end your call, the call time, length of call, phone number, and name of the other party (if available) appear in the display.
2. Press the **Save** (right) soft key ( ). The **Save** screen appears in the display showing the following options:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number or email address you just entered to an existing Contacts entry.

Tip: You can also store a phone number from standby mode by entering the number, and pressing the Save (left) soft key ( ).

Creating a new Contacts entry:

3. Use the navigation keys to highlight **Create New**, then press the MENU OK key. The following (number type) icons appear in the display:

4. Use the navigation keys to highlight the number type that matches your new entry and press the MENU OK key. The **New Contact** screen appears in the display with the number being save populating the selected number type field. (For more information on creating a new Contacts entry, see *"Using the Contacts Add Option"* on page 38.)

Adding the number to an existing Contacts entry:

5. Use the navigation keys to highlight **Update Existing**, then press the MENU OK key. The **Update Existing** screen appears in the display showing your current Contacts list.

6. Enter the first few characters of the Contacts entry name under which you will store the saved number. (For more information on finding a Contacts entry, see *"Using the Contacts Add Option"* on page 38.)

7. Use the Up and Down navigation keys to highlight the desired Contacts entry, then press the MENU OK key. The following (number type) icons appear in the **Update Existing** screen:

8. Use the Up and Down navigation keys to highlight the appropriate unassigned number type, then press the MENU OK key. The **Edit Contact** screen appears in the display.

9. Make any added changes you wish to the Contacts entry. (For more information, refer to *"Editing an Existing Contact Entry"* on page 44.)

10. Press the **SAVE** key (MENU OK) to save the entry.

Storing Number from a Calls Log

You can store numbers from the Calls logs to your Contacts.

1. In standby mode, press the **MENU** key (MENU OK), then press 5 jkl for **Calls**.
2. Press the corresponding number on the keypad to view the following Calls logs:
   - Press 1 for **Outgoing Calls**
   - Press 2 abc for **Incoming Calls**
   - Press 3 def for **Missed Calls**
   - Press 4 ghi for **All Calls**
   - Press 5 jkl for **Data Call**

   A list of your calls appears in the display.
3. Use the navigation keys to highlight the number you wish to store in **Contacts**.
4. Press the **Options** (right) soft key (–). The following options appear in the display:
   - **Save** — Saves the selected number to your Contacts list.
   - **Details** — Calls to/from Contacts Only — Shows the entry for the called Contact.
   - **Erase** — Deletes the selected number from the selected Calls log.
   - **Lock / Unlock** — Prevents/allows deletion of the selected number.
   - **Erase All** — Deletes all numbers from the selected Calls log.
   - **View Timer** — Shows the call times for the Last Call, All Calls, Incoming Calls, Outgoing Calls, Roaming Calls, Last Reset, and Lifetime Calls timers for the selected Calls log.
5. Use the navigation keys to highlight **Save**, then press the MENU OK key. The following options appear in the display:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number or email address you just entered to an existing Contacts entry.

   For more information on saving the number, see *"Saving a Number from a Call"* on page 39.

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Contacts** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The Contacts command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press and hold the 0 for **Voice**

Service.

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

2. Say "**Lookup**".

   VoiceSignal prompts you to "**Say the name or #**."

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your contact list.

   - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
   - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *"Choice Lists"* on page 104.)

   - To say the name again, press the **Repeat** (right) soft ([–]) key.
   - To exit VoiceSignal without dialing, press the **Settings** (left) soft ([–]) key, then press the **Exit** (right) soft ([–]).

5. The contact information for the name you selected appears in the display.

Keypad Methods

Find by Name

If you have stored a named contact in your Contacts list, Find lets you locate the entry quickly.

1. In standby mode, do one of the following:

   - Press the Down navigation key (Contacts Find shortcut).
   - Press the **MENU** key ([MENU OK]), then press [4 ghi] (for **Contacts**) and [1 oo] for **Find**.

   The **FIND** screen appears in the display with an alphabetical list of Contacts showing.

2. Enter the first few characters of the name of the contact as it appears in your Contacts list.

Example: If you saved a contact name as "Amy Smith", begin your search for that contact by pressing [2 abc] for "A".

Note: As you enter letters, the entry names of the closest matches (thus far) appear in the display.

---

3. When the desired Contacts entry is listed in the display, highlight the contact using the navigation keys (if necessary). Then, do one of the following

- Press the TALK key to dial the number associated with the named contact.
- Press the **Edit** (left) soft key ( ) to change the information about the contact.
- Press the **VIEW** key MENU OK to show information about the contact.
- Press the **Options** (right) soft key ( ). The following options appear in the display:
  - **New Contact** — Lets you add a new number to your Contacts list or to the selected contact.
  - **Erase** — Lets you delete the highlighted contact.
  - **Send Message** — Lets you send a text, picture, or video message to the selected contact.
  - **Call** — Lets you place a call to the highlighted contact.
  - **Send Name Card With Bluetooth** — Lets you send a Name Card containing the selected Contact's information to another Bluetooth device.
  - **Set as/Remove Speed Dial** — Lets you assign a speed dial number to a contact. You can select the number by either entering it into the Go To box or using the navigation keys, then press the MENU OK key to set the number.

Group

This option lets you find a Contacts list entry with a specific Group name.

1. In standby mode, press the **MENU** key (MENU OK), then press 4 ghi (for **Contacts**) and 4 ghi for **Group**. The **Group List** screen appears in the display.
2. Use the Up and Down navigation keys to highlight the name of the group you wish to browse, then press the MENU OK key. The selected Group list appears in the display.
3. Use the Up and Down navigation keys to find the desired Contacts entry.
4. When the desired Contacts entry is listed in the display, highlight the Contact using the Up and Down navigation keys (if necessary). Then, do one of the following:
   - Press the **Remove** (left) soft key ( ) to delete the selected contact from the Group. (Does not apply to the General group.)
   - Press the MENU OK key to **ADD** an existing contact entry to the selected Group. (Does not apply to the General group.)
   - Press the **Options** (right) soft key ( ) to send a text, picture, or video message to selected contact(s) in the current group.
5. Use the Up and Down navigation keys to highlight an option, then press the MENU OK key to enter that option's sub-menu.

Search by Number

This option lets you find a Contacts list entry by one of its phone numbers.

1. In standby mode, enter the first few numbers of the Contacts list entry you wish to find (such as the area code or area code and exchange — for example, 888-987).
2. Press the **Options** (right) soft key ( ). The following menu options appear in the display:
   - **Search** — Lets you find Contacts list entries by their phone numbers.
   - **P pause** — Adds a hard pause (awaits input from you).
   - **T pause** — Adds a two-second pause.
   - **Send Message** — Lets you send a text, picture, or video message to the entered number.
3. Use the navigation keys to highlight the **Search** option, then press the MENU OK key. The **FIND** screen appears in the display listing all phone numbers in your Contacts list that contain the entered digits.
4. Use the navigation keys (if necessary) to highlight the desired Contacts entry. Then do one of the following:
   - Press the TALK key to dial the highlighted number.
   - Press the **VIEW** key (MENU OK) to display information about the Contacts entry associated with the highlighted number. From the **View Contact** screen, you can erase or edit the selected Contacts entry.

Editing an Existing Contact Entry

Once stored in the Contacts, an entry can be changed quite easily.

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
2. Press the **Edit** (left) soft key ( ). The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight a number stored in this contact entry.
4. Press BACK to backspace and delete numbers.
5. Press and hold BACK to clear all numbers in the highlighted field.

Note: You can also add numbers (such as a My Circle number or a Fax number) to the entry, assign it to a Group, and add other information.

6. When you're finished editing the entry, press the MENU OK key. Your changes are saved and a confirmation message appears in the display.

Adding Pauses to Contacts Numbers

When you call automated systems (like 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 Contacts along with special characters called pauses.

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

Tip: You can enter multiple two-second pauses to extend the length of a pause. For example, two consecutive two-second pauses cause a total pause time of four seconds.

Note: Keep in mind that pauses count as digits towards the 48-digit maximum.

Store Pauses in a New Contacts Entry

1. In standby mode, enter the number you wish to store (such as your bank's teleservice number).
2. Press the **Options** (right) soft key (). The following menu options appear in the display:
   - **Search** — Lets you find Contacts list entries by their phone numbers.
   - **P pause** — Adds a hard pause (awaits input from you).
   - **T pause** — Adds a two-second pause.
   - **Send Message** — Lets you send a text, picture, or video message to the entered number.
3. Use the navigation keys to highlight the pause option of your choice.
4. Press the MENU OK key to enter the highlighted pause into your number sequence.
5. When you're finished entering the number and pauses, press the **Save** (left) soft key () to store the number in your **Contacts**.

Add Pauses to an Existing Contacts Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
2. Press the **Edit** (left) soft key (). The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight a number stored in this contact entry.

4. Use the navigation keys to place the cursor where you want to add a pause (usually at the right-hand end of the number).
5. Press the **Options** (right) soft key ( ). The following menu options appear in the display:
   - **Set as/Remove Speed Dial** — lets you assign a Speed Dial number to this Contacts entry.
   - **Set As Default** — your phone automatically dials this number when you find this Contacts entry and press the TALK key.
   - **Set as/Remove My Circle** — lets you add the contact to/remove the contact from your My Circle group.
   - **T pause** — a two-second pause.
   - **P pause** — a hard pause (awaits input from you).
6. Use the navigation keys to highlight the pause option of your choice.
7. Press the MENU OK key to enter the highlighted pause into your number sequence.
8. When you're finished entering pauses, press the MENU OK key to save your changes to the number in your **Contacts**.

Assigning Speed Dial Numbers

When you add or edit an entry to the Contacts list, you have the option of assigning a Speed Dial number using the Options pop-up menu or of returning to the Contacts menu and using the Speed Dial option. You can also change a contact's Speed Dial number.

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
2. Do one of the following:

Using the Options (right) soft key:

3. Press the **Options** (right) soft key ( ). The following menu options appear in the display:
   - **New Contact** — Lets you add a new number to your Contacts list or to the selected contact.
   - **Erase** — Lets you delete the highlighted contact.
   - **Send Message** — Lets you send a text, picture, or video message to the selected contact.
   - **Call** — Lets you place a call to the highlighted contact.
   - **Send Name Card With Bluetooth** — Lets you send a Name Card containing the selected Contact's information to another Bluetooth device.

– **Set as/Remove Speed Dial** — Lets you assign a speed dial number to a contact. You can select the number by either entering it into the Go To box or using the navigation keys, then press the MENU OK key to set the number.

4. Use the navigation keys or enter the number to select **Set as/Remove Speed Dial**. The **Speed Dial** menu appears in the display.
5. Enter, or use the navigation keys to select, an unassigned Speed Dial number.
6. Press the MENU OK key to assign the new Speed Dial number to the selected Contact. You are prompted to confirm the assignment.
7. Press the **Yes** (left) soft key ( ) to assign the selected Speed Dial number.

Using the Edit (left) soft key:

8. Press the Edit (left) soft key ( ). The Edit Contact screen appears in the display with the contact name highlighted.
9. Use the navigation keys to highlight a number stored in this contact entry.

Note: If a contact has more than one stored number (such as Home and Office), you can select which of these numbers your phone will dial when you speed dial that contact.

10. Press the **Options** (right) soft key ( ). The following menu options appear in the display:
    - **Set as/Remove Speed Dial** — lets you assign or remove a Speed Dial number for this Contacts entry.
    - **Set As Default** — your phone automatically dials this number when you Find this Contacts entry and press the TALK key.
    - **Set as/Remove My Circle** — lets you add the contact to/remove the contact from your My Circle group.
    - **T pause** — a two-second pause.
    - **P pause** — a hard pause (awaits input from you).

    Set as/Remove Speed Dial is highlighted.
11. Press the MENU OK key. The **Speed Dials** screen appears in the display. (If a speed dial number has been set previously, you can remove it by pressing the MENU OK key. If none has been set, continue with the next step.)
12. Enter, or use the navigation keys to select, an unassigned Speed Dial number.

13. Press the MENU OK key to assign the new Speed Dial number to the selected Contact. You are prompted to confirm the assignment.
14. Press the **Yes** (left) soft key (–) to assign the selected Speed Dial number. The **Edit Contact** screen appears in the display.
15. Press the MENU OK key to save the new Speed Dial number assignment.

Add a Number or Email Address to an Existing Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
2. Press the **Edit** (left) soft key (–). The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight a number field or Email field in this contact entry.
4. Enter the phone number or email address for the new Contacts entry.
5. Press the MENU OK key to add the number or email address to the existing entry.

Edit an Existing Email Address

1. Find the desired entry in the **Contacts** list. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
2. Press the **Edit** (left) soft key (–). The **Edit Contact** screen appears in the display with the contact name highlighted.
3. Use the navigation keys to highlight the **Email 1** or **Email 2** field (labeled with the @ symbol).
4. Use the keypad to edit the **Email** address. (For more information, refer to *"Entering Text"* on page 34.)
   - To insert the @ symbol, do the following:
     - Press the **abc** (left) soft key (–). A pop-up menu appears in the display with **Abc** highlighted.
     - Use the navigation keys to highlight **Shortcuts**, then press the MENU OK key.
     - Highlight the @ symbol, and press the MENU OK key.
     - Enter the remainder of the email address using the keypad. (For more information, refer to *"Entering Text"* on page 34.)
   - To add the domain type to the end of the email address, do the following:
     - Press the **abc** (left) soft key (–). A pop-up menu appears in the display with **Abc** highlighted.

– Use the navigation keys to highlight **Shortcuts**, then press the MENU OK key.

– Use the navigation keys to highlight the desired domain type (such as, .com, .net, or .edu), then press the MENU OK key.

5. Press the MENU OK key to save your changes.

Speed Dial Numbers

You can assign and change Speed Dial numbers for Contacts entries.

1. In standby mode, press the **MENU** key (MENU OK), then press 4 ghi (for **Contacts**) and 3 def for **Speed Dial**. The **Speed Dial** list appears in the display.

Tip: You can also assign a Speed Dial number when creating or editing a Contacts entry. For more information, refer to *"Assigning Speed Dial Numbers"* on page 46.

2. Enter a Speed Dial number in the **Go To** field or use the navigation keys to highlight a Speed Dial number.
3. Press the **SET** (MENU OK) key. The **Set Speed Dial** screen appears in the display.
4. Enter a Contact name or use the navigation keys to highlight a Contact entry.
5. Press the MENU OK key. You are prompted to confirm the new Speed Dial setting.
6. Press the **Yes** (left) soft key (–) to save the new setting. Press the **No** (right) soft key (–) to discard the new setting.

Renaming a Contacts Group

Use this option to rename a group in your Contacts list.

1. In standby mode, press the **MENU** key (MENU OK), then press 4 ghi (for **Contacts**) and 4 ghi for **Group**. A list of group names (like the following list) appears in the display:
   - **General**
   - **Family**
   - **Friends**
   - **Colleagues**
   - **Business**
2. Use the navigation keys to highlight the group (other than **General**) that you wish to rename, then press the **Options** (right) soft key (–). The following options appear in the display:
   - **Send Message** — Lets you send a text, picture, or video message to all contacts in the selected Group.

- **Rename** — Lets you change the name of the selected Group.
- **Erase** — Lets you delete the selected Group (this does not delete the related Contacts).
- **Add** — Lets you add a new Group.

3. Use the navigation keys to highlight **Rename**, then press the MENU OK key.
4. The **Rename Group** screen appears in the display. The current name of the selected group shows with a flashing cursor at the end of the name.
5. Enter a new group name using the keypad. (For more information, refer to *"Entering Text"* on page 34.)
6. Press the MENU OK key to save the changed group name.

Deleting a Contacts Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
2. Press the **Options** (right) soft key ( ). A pop-up menu containing the following options appears in the display:
   - **New Contact** — Lets you add an entry to your Contacts list.
   - **Erase** — Erases the selected Contact.
   - **Send Message** — Lets you send a text, picture, or video message to the selected contact.
   - **Call** — Calls the highlighted Contact.
   - **Send Name Card With Bluetooth** — Send one or more Contacts entries to another, compatible Bluetooth device. (For more information, refer to *"Bluetooth"* on page 107.)
   - **Set as/Remove Speed Dial** — Lets you assign a Speed Dial number to this Contacts entry.
3. Use the navigation keys to highlight **Erase**.
4. Press the MENU OK key. The phone prompts you to confirm the erasure.
5. Press the **Yes** (left) soft key ( ) or the **No** (right) soft key ( ).

Sending a Contacts Entry

Use the Send Name Card With Bluetooth option to send one or more selected Contacts entries to another, compatible phone or other device over a Bluetooth connection.

1. In standby mode, press the Down navigation key. The **Find** screen appears in the display with a Contacts entry highlighted.

2. Press the **Options** (right) soft key ( ), then select the **Send Name Card With Bluetooth** option. The **Send with Bluetooth** screen appears in the display with the highlighted Contacts entry marked.
3. Use the Up and Down navigation keys to highlight Contacts entries you wish to send and press the **MARK** key ( ) to mark these entries for sending.
4. Press the **Done** (left) soft key ( ). The Choose device screen appears in the display.
5. Use the Up and Down navigation keys to highlight the name of the receiving device, then press the key. Your phone automatically connects with the other device and sends the selected Contact entries.

Note: For information on turning off the Bluetooth connection, see *"Bluetooth"* on page 107..

Memory Info

Use the Memory sub-menu to view the amount of Contacts entries you have stored, as well as the remaining memory.

▶ In standby mode, press the **MENU** key ( ), then press 4 (for **Contacts**) and 5 for **Memory Info**. The amounts of memory used and remaining for Contacts entries appear in the display.

Section 7: Messaging

This section explains how to create, send, receive, and view different types of messages. This section also describes the features and functionality associated with messaging.

Creating and Sending New Messages

This section guides you through procedures for creating and sending text messages, picture messages, and video messages.

Creating and Sending a Text Message

1. In standby mode, press the **Message** (right) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message**. The **Create Text Msg** screen appears in the display showing the **Send To** list.

Tip: You can also access Messages by pressing the **MENU** key ( ), and then press 1 for Messages.

2. Address your message by selecting contacts and/or entering number(s) or email address(es) of message recipient(s):
   - To select a mobile number or email address using your Contacts list, press the **Add** (right) soft key ( ). The following options appear in the display:
     - **Contacts**
     - **Groups**
     - **Recent Calls**

     The **Contacts** option is highlighted.

     Press the MENU OK key. The **Add Contacts** screen appears in the display. For more information, refer to *"Finding a Contacts Entry"* on page 41.

     Use the Up and Down navigation keys to highlight a contact. Use the Left and Right navigation keys to select a phone Number or Email address for the highlighted Contact. Press the key to mark your selection.

     To add the selected contacts to the **Send To** list, press the **Done** (left) soft key ( ). The **Create Text Msg** screen appears in the display.
   - To enter recipient email address(es), press and hold the * key to change the text entry mode from **123** to **T9 word** or **abc**. (For more information, refer to *"Add a Number or Email Address to an Existing Entry"* on page 48.)
3. When you are finished addressing your message, press the MENU OK key. The Text field appears in the display.
4. Enter the text for your message using the keypad. (For more information, refer to *"Entering Text"* on page 34.)
   - To change the text input method, do one of the following:

– Repeatedly press and hold the * key until the desired text input method is indicated by the left soft key label.

– Press the Left soft key (–), use the navigation keys to select the desired text input method, and press MENU OK.

• Press the Left soft key (–) to select one of the following text entry methods:

– **T9 Word**

– **Abc**

– **ABC**

– **123**

– **Symbols**

– **Add T9 Word**

5. At any point while composing a message, you can set message send options by pressing the **Options** (right) soft key (–). (For more information, refer to *"Message Send Options"* on page 56.)

6. Once you're finished composing your message, press the **SEND** soft key (MENU OK) to send your message.

Creating and Sending a Picture Message

1. In standby mode, press the **Message** (right) soft key (–), then press 1 (for **Send Message**) and 2 abc for **Picture Message**. The **Create PIC Msg** screen appears in the display with the **Send To** field highlighted.

Tip: You can also access Messages by pressing the **MENU** key (MENU OK), and then press 1 for Messages.

2. Address your message by selecting contacts and/or entering number(s) or email address(es) of message recipient(s).

   For more information, refer to *"Creating and Sending a Text Message"* on page 52. See Step 2.

3. After addressing your picture message, the **Subject** field becomes highlighted.

4. Enter the Subject text using the keypad.

   (See Step 4 of "*Creating and Sending a Text Message*" on page 52 for more information on choosing a text entry method, also see "***Entering Text***" on page 34 for more information on using text entry methods.)

5. Press the **Down** navigation key. The **Text** field becomes highlighted.

6. Enter the message text using the keypad.

   (See Step 4 of "*Creating and Sending a Text Message*" on page 52 for more information on choosing a text entry method, also

see "Entering Text" on page 34 for more information on using text entry methods.)

7. To set message send options, press the **Options** (right) soft key ([-]). (For more information, refer to *"Message Send Options"* on page 56.)
8. To add a picture to the message, use the navigation keys to highlight the **PIC** field.
   - Press the **My PIC** (left) soft key ([-]) to access the picture gallery. If there are no pictures in the gallery, press the **Camera** (right) soft key ([-]) to launch the camera, then take a picture. If there are pictures in the gallery, thumbnail pictures appear in the display. Then, do the following:
     - Use the navigation keys to highlight a picture in the gallery.
     - Press the **View** (left) soft key ([-]) to expand the highlighted picture to fill the display.
     - Press the **Camera** (right) soft key ([-]) to activate the phone's camera and take a new picture. (For more information, refer to *"Camera-Camcorder"* on page 69.)
   - Press the **Options** (right) soft key ([-]). (For more information, refer to *"Message Send Options"* on page 56.)
9. Once you have selected a photo, press the MENU OK key. The **Create Pic Msg** screen appears in the display with the selected photo in the **PIC** field.

   The **Sound** field becomes highlighted.
10. Press the **Sounds** (left) soft key ([-]). The **Record New** option and a list of sound files appear in the display with the **Record New** option highlighted.
11. Press the MENU OK key to record a new sound file, or use the navigation keys to select a listed sound file.
    - If you select the Record New option, the Record New screen appears in the display. Press the **REC** (MENU OK) key to begin recording.
    - Wait for the beep, then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
      - To pause the memo, press the **Pause** (left) soft key ([-]). When a memo is paused, press the **Resume** (left) soft key ([-]) to continue recording.
    - Press the **SAVE** (MENU OK) key to stop recording. The **Record New** option and a list of sound files appear in the display with the **Record New** option highlighted.
    - Use the navigation keys to highlight your new sound file and press the MENU OK key. The **Create Pic Msg** screen appears in the display with your selected sound file in the **Sound** field.
12. Once you're finished composing your picture message, do one of the following:
    - Press the MENU OK key to SEND the message.
    - Press the Options (right) soft key ([-]). For more information, refer to *"Message Send Options"* on page 56.

Creating and Sending a Video Message

1. In standby mode, press the **Message** (right) soft key ( ), then press 1 (for **Send Message**) and 3 for **Video Message**. The **Create Video Msg** screen appears in the display with the **Send To** field highlighted.

Tip: You can also access Messages by pressing the MENU key ( ), and then press 1 for Messages.

2. Address your message by selecting contacts and/or entering number(s) or email address(es) of message recipient(s), and press the **OK** key ( ).

   (See Step 2 of "*Creating and Sending a Text Message*" on page 52 for more information on addressing your message.)

3. After addressing your picture message, the **Subject** field becomes highlighted.
4. Enter the Subject text using the keypad.

   (See Step 4 of "*Creating and Sending a Text Message*" on page 52 for more information on choosing a text entry method, also see "*Entering Text*" on page 34 for more information on using text entry methods.)

5. Press the Down navigation key. The **Text** field becomes highlighted.
6. Enter the message text using the keypad.

   (See Step 4 of "Creating and Sending a Text Message" on page 52 for more information on choosing a text entry method, also see "Entering Text" on page 34 for more information on using text entry methods.)

7. To set message send options, press the **Options** (right) soft key ( ). (For more information, refer to *"Message Send Options"* on page 56.)
8. To add a video to the message, use the navigation keys to highlight the **Video** field.
   - Press the **My Video** (left) soft key ( ) to access the video gallery. If there are no videos in the gallery, press the **Video** (right) soft key ( ) to launch the camcorder, then take a video. If there are videos in the gallery, thumbnail videos appear in the display. Then, do the following:

– Use the navigation keys to highlight a video in the gallery.
– Press the **Play** (left) soft key ( ) to expand and review the video.
– Press the **Video** (right) soft key ( ) to activate the phone's camcorder and take a new video. (For more information, refer to *"Camera-Camcorder"* on page 69.)

- Press the **Options** (right) soft key ( ). (For more information, refer to *"Message Send Options"* on page 56.)

9. Once you have selected a video, press the MENU OK key. The **Create Video Msg** screen appears in the display with the selected video in the **Video** field. The **Video** field is highlighted.

10. Once you're finished composing your video message, do one of the following:

- Press the MENU OK key to SEND the message.
- Press the **Options** (right) soft key ( ). (For more information, refer to *"Message Send Options"* on page 56.)

Message Send Options

You can set priority, validity, and other options before you send a message.

1. After you've composed a text, picture, or video message, press the **Options** (right) soft key ( ). The following are Send Options that can appear in the display (which options appear depends on what type of message you composed and what message field you have highlighted):

- **Edit Send To** — Lets you add, delete, or change numbers or Email addresses in a Text message **Send To:** list.
- **Preview** — Lets you view a Picture or Video message as the recipient will see it.
- **Add** — Lets you add **Graphics**, **Animations**, **Sounds**, or **Quick Text** to a Text message.
- **Add Quick Text** — Lets you add **Quick Text** to a Picture or Video message.
- **Edit Text Format** — Lets you select text Size, Alignment, Color, Style, and Background in a Text message.
- **Save As Draft** — Saves this message in the Drafts folder.
- **Priority Level** — Lets you assign a **High** or **Normal** priority to the message.
- **Validity Period** — Lets you set a **Date** and **Time** when this message will no longer be available to the recipient. After the set period of time, your message is recalled.
- **Deferred Delivery** — Lets you set a **Date** and **Time** when this message will be delivered.
- **Enh. Delivery Ack / Deliver Ack** — Set to **On** to be alerted when your message is received by the addressee.
- **Remove PIC** — Removes the picture from a Picture message.

- **Remove Sound** — Removes the sound file from a Picture message.
- **Remove Video** — Removes the video from a Video message.
- **Add To Contacts** — Lets you add the addressee numbers or Email addresses to your Contacts list.

2. Use the navigation keys to display the various **Send Options** for each menu item.
3. When the desired send option is highlighted, press the MENU OK key to confirm the selection or to enter the send option's sub-menu.

Receiving New Messages

When you receive a message in standby mode, an alert sounds (unless turned off) and a **New Message** notification appears in the display along with the closed envelope icon ( ). The date and time of the message and the following options also appear in the display:

- **View Now** — Opens the message where you have the option to Reply, Forward, Erase, Save Text, Save Contact, Lock/Unlock, or Save Media.
- **View Later** — Closes the popup and saves the message to your inbox where you can view it later.

Use the navigation keys to highlight the desired option and press the MENU OK key.

Receive Messages While in a Call

When you receive a message while in a call, a **New Message** notification appears in the display along with the closed envelope icon ( ). The date and time of the message and the following options also appear in the display:

- **View Now** — Opens the message where you have the option to Reply, Forward, Erase, Save Text, Save Contact, Lock/Unlock, or Save Media.
- **View Later** — Closes the popup and saves the message to your inbox where you can view it later.

Use the navigation keys to highlight the desired option and press the MENU OK key.

Voicemail

Voicemail allows callers to leave voice messages in your voice mailbox, and lets you review, play, and delete your voice messages any time you are in your Carrier's network coverage area.

Voice Mail Setup

Before callers can leave voice mail messages, you must first set up your account. See "*Setting Up Your Voice Mail*" on page 7 and General Message Settings for more information.

Checking your Voicemail

1. In standby mode, press and hold the 1 key until you're

connected to the voice mail system. A recorded message prompts you for a password.

2. Enter your password, then follow the recorded prompts, to listen to your voice message, change administrative options, and so on.

Tip: You can also access your Voicemail by using the entries in the Voicemail folder. For more information, refer to *"Voicemail"* on page 57.

Message Folders

Inbox

Received messages of all types (except Voice Mail) are stored in the Inbox.

1. In standby mode, press the **Message** (right) soft key ( ), then press 2 abc for **Inbox**, to open the Inbox folder.
2. Use the navigation keys to highlight a message, then do one of the following:
   - Press the **Erase** (left) soft key ( ) to delete the message.
   - Press the **OPEN** (MENU OK) key to view the highlighted message, then proceed to Step 3.
   - Press the **Options** (right) soft key ( ). The following options appear in the display:
     - **Reply** — Lets you compose and send a message to the sender.
     - **Reply With Copy** — Text Message only — Lets you reply to a message and include a copy of the original message.
     - **Forward** — Lets you forward the message to other Email addresses or mobile phone numbers.
     - **Lock / Unlock** — Blocks or allows erasure of the selected message.
     - **Add To Contacts** — Lets you add the addressee numbers or Email addresses to your Contacts list.
     - **Erase Inbox** — Deletes selected/all unlocked messages from the Inbox folder.
     - **Message Info** — Lets you display status information about a message.

     Use the navigation keys to highlight an option. Press the key to perform the function for the highlighted option.
   - Press the BACK key to return to the **Messages** menu.
3. While viewing a selected message, do one of the following:
   - Press the **Erase** (left) soft key ( ) to delete the message.
   - Press the **REPLY** (MENU OK) key to compose and send a message to the sender of the highlighted message.
   - Press the **Options** (right) soft key ( ), The following options appear in the display:
     - **Play Again** — Picture/Video Messages only — Replay a sound/video file included with a message.
     - **Forward** — Lets you forward the message to other Email addresses or mobile phone numbers.

– **Go To URL** — Lets you browse any Internet address included in the message.
– **Reply With Copy** — Text Message only — Lets you reply to a message and include a copy of the original message.
– **Save PIC** — Picture Messages only — Saves a copy of the image included in the selected message to the My Images gallery.
– **Save Sound** — Picture Messages only — Saves the sound file in the message to the My Sounds gallery.
– **Save Video** — Video Messages only — Saves the video file in the message to the My Videos gallery.
– **Save Quick Text** — Saves the message text as a Quick Text entry.
– **Lock / Unlock** — Block or allow changes to the selected message.
– **Add To Contacts** — Lets you add the addressee numbers or Email addresses to your Contacts list.
– **Callback** — Lets you call the originator of the message.
– **Message Info** — Lets you display status information about a message.

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

- Press the BACK key to return to the **Inbox** list.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code. (For more information, refer to *"Lock Phone"* on page 128.)

Outbox

Your phone stores outgoing messages in the Outbox, regardless of whether the message was successfully sent to, or received by, the addressee.

Tip: Verify whether and when a message or email was successfully received by enabling the Delivery Ack message send option. (For more information, refer to *"Message Send Options"* on page 56.)

1. In standby mode, press the **Message** (right) soft key (), then press 3 def for **Outbox**. A list of your outgoing messages appears in the display.
2. Use the navigation keys to highlight a message, then do one of the following:
   - Press the **Erase** (left) soft key () to delete the message.
   - Press the **OPEN** (MENU OK) key to view the highlighted message, then proceed to Step 3.
   - Press the **Options** (right) soft key (). The following options appear in the display:
     – **Forward** — Send the message to another addressee.
     – **Resend** — Re-send the message.
     – **Lock / Unlock** — Block a message from being erased or free a message to be erased.

– **Add To Contacts** — Lets you add the addressee numbers or Email addresses to your Contacts list.
– **Erase Outbox** — Erase all messages in the Outbox folder.
– **Message Info** — Lets you display status information about picture messages.

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

- Press the BACK key to return to the **Messages** menu.

3. While viewing a selected message, do one of the following:

- Press the **Erase** (left) soft key ( ) to delete the message.
- Press the **RESEND** (MENU OK) key to resend a message to the original addressee.
- Press the **Options** (right) soft key ( ), The following options appear in the display:
  – **Go To URL** — Go to a URL included in this message.
  – **Play Again** — Picture Messages only — Replay a sound file included with a message.
  – **Forward** — Send the message to another addressee.
  – **Lock / Unlock** — Block a message from being erased or free a message to be erased.
  – **Save Quick Text** — Save the message text in the Quick Text folder.
  – **Add To Contacts** — Lets you add the addressee numbers or Email addresses to your Contacts list.
  – **Call** — Lets you call the recipient of the message.
  – **Message Info** — Lets you display status information about picture messages.

  Use the navigation keys to highlight an option. Press the MENU OK key to perform the function for the highlighted option.
- Press the BACK key to return to the **Outbox** list.

Drafts Folder

Messages in the Drafts folder are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

1. In standby mode, press the **Message** (right) soft key ( ), then press 4 GHI for **Drafts**. A list of your draft messages appears in the display.
2. Use the navigation keys to highlight the message that you wish to edit, then do one of the following:

- Press the **Erase** (left) soft key ( ) to delete the message.
- Press the **EDIT** key (MENU OK) to view the highlighted message, then proceed to One of the following screens:
  – **Text Message** — **Create Text Msg** screen showing the **Text** field appears in the display.
  – **Picture Messag**e — **Create Pic Msg** screen showing the **Send To** list appears in the display. Change or add numbers and addresses, then press the MENU OK key.

– **Video Message** — **Create Video Msg** screen showing the **Send To** list appears in the display. Change or add numbers and addresses, then press the MENU OK key.

Proceed to Step 3.

- Press the **Options** (right) soft key ( ). The following options appear in the display:
  - **Send** — Send the message to the current addressee(s).
  - **Lock/Unlock** — Block a message from being erased or free a message to be erased.
  - **Add To Contacts** — Lets you add the addressee numbers or Email addresses to your Contacts list.
  - **Save Quick Text** — Save the message text in the Quick Text folder.
  - **Erase Drafts** — Erase all messages in the Drafts folder.

  Use the navigation keys to highlight an option. Press the MENU OK key to perform the function for the highlighted option.
- Press the BACK key to return to the **Messages** menu.

3. If you press the **EDIT** key (MENU OK), in the **Text** screen/field, do one of the following:

- Press the **Abc** (left) soft key ( ). The following options appear in the display:
  - **T9 Word** — Predictive, single key press per letter text entry mode.
  - **Abc** — Alphabetical, multiple key press text entry mode. The first letter is capitalized.
  - **ABC** — Alphabetical, multiple key press text entry mode. All letters are capitalized.
  - **123** — Enter numbers by pressing the corresponding key on the keypad.
  - **Symbols** — Enter symbols into your message by pressing the corresponding number that appears above it in the display.
  - **Add T9 Word** — Enter word to be added to the T9 Word dictionary.

  Use the navigation keys to highlight the desired option. Press the MENU OK key to perform the function for the highlighted option.
- Press the **SEND** soft key (MENU OK) to send the message.
- Press the **Options** (right) soft key ( ). (For more information, refer to *"Message Send Options"* on page 56.)

4. Once you're finished composing your message, do one of the following:

- Press the **SEND** soft key (MENU OK) to send your message.
- Press the END key to exit the message. You are prompted to save your changed message to the Drafts folder.

Voicemail

New voice messages in your voice mailbox are logged in the Voicemail folder of the Messages menu. Open the Voicemail folder to view the Callback # (if available), Urgency, and other details of new voicemail messages.

1. In standby mode, press the **Message** (right) soft key ( ), then press 5 JKL for **Voicemail**. A Voicemail status screen indicating the number of new messages in your voice

mailbox, their urgency, and any callback numbers appears in the display.

2. Press the TALK key to call your voice mailbox and listen to your voice messages.

Note: You can, in standby mode, also press and hold the 1 key to dial your voice mailbox.

Erasing Messages

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

Note: This function erases all messages in a selected message folder or in all message folders. To delete a single message, from the Messages menu, open the message folder where the message to be deleted is stored, then select and delete the message from the Option menu while viewing the message content.

1. In standby mode, press the **Message** (right) soft key (), then press 6 for **Erase Messages**. The following options appear in the display:
   - **Inbox** — Lets you delete all messages from your Inbox.
   - **Outbox** — Lets you delete all messages from your Outbox.
   - **Drafts** — Lets you delete all draft messages from the Drafts folder.
   - **All Messages** — Lets you delete all messages from all message folders.
2. Use the navigation keys to highlight the folder containing the messages that you wish to delete.
3. Press the MENU OK key to select the highlighted folder. You are prompted to confirm the erasure of all messages in the folder.
4. Press the **No** (right) soft key () to cancel deleting any messages, or press the **Yes** (left) soft key () to delete all messages from the selected folder.

Message Settings

The Msg Settings folder lets you define numerous message settings such as ringer types and save options.

1. In standby mode, press the **Message** (right) soft key (), then press 7 for **Msg Settings**. The following **Msg Settings** options appear in the display:
   - **General** — Lets you set default option values for Text, Picture, and Voice messages.
   - **Text Message** — Lets you set default message text option values for both Text and Pic messages.
   - **Picture/Video Message** — Lets you set default picture message option values.

2. Use the navigation keys to highlight the desired option.
3. Press the MENU OK key to perform the function for the highlighted option.

General Message Settings

1. In standby mode, press the **Message** (right) soft key (–), then press 7 pqrs (for **Msg Settings**) and 1 @ for **General**. The following general message options appear in the display:
   - **Auto Save** — Lets you set whether to automatically save to the Outbox folder, to discard, or to prompt you to save unsent messages when you exit them.
   - **Auto Erase** — Automatically erase the oldest read message after memory is full.
   - **Quick Text** — Lets you change pre-composed text or compose text for addition to your outgoing messages.
   - **Voicemail #** — Lets you update your Voicemail access number.
   - **Entry Mode** — Lets you set the default text entry mode [T9 Word, Abc/ABC (alphabetically, or 123 (numerical)] for composing message text.
   - **Callback #** — Lets you disable, enable, and update the callback number that can be inserted in outgoing messages.
   - **Signature** — Lets you disable, enable, and update the text signature that can be inserted in outgoing messages.
   - **Reminder** — Lets you set the message receipt reminder to play **Once**, **Every 2 Minutes**, **Every 15 Minutes**, or not to play (**Off**).
2. Use the navigation keys to highlight the desired sub-menu.
3. Press the MENU OK key to enter the sub-menu and change the selected message settings.

Text Message Settings

1. In standby mode, press the **Message** (right) soft key (–), then press 7 pqrs (for **Msg Settings**) and 2 abc for **Text Message**. The following Text message options appear in the display:
   - **Auto View** — Automatically view messages as they are received.
   - **Auto Scroll** — When set to **On**, the phone automatically scrolls message text, letting you see the complete message text without using the navigation keys.
2. Use the navigation keys to highlight the desired sub-menu.
3. Press the MENU OK key to enter the sub-menu and change the selected message settings.

Picture/Video Message Settings

1. In standby mode, press the **Message** (right) soft key (–), then press 7 pqrs (for **Msg Settings**) and 3 def for **Picture/Video Message**. The following picture message options

appear in the display:

- **Auto Receive** — Lets you choose whether to be prompted to retrieve picture or video messages from your provider's email server or to automatically retrieve all picture or video messages as they are received by the server.

2. Use the navigation keys to highlight the desired sub-menu.
3. Press the MENU OK key to enter the sub-menu and change the selected message settings.

Section 8: Axcess Shop

This section explains the Axcess Shop features where users can download multimedia, applications, games, and check news and sports.

Finding Applications

With Axcess Shop, you can download full featured applications over the air including games, personalized ring tones, pictures, and more.

1. In standby mode, do one of the following to launch Axcess Shop:
   - Press the Right navigation key.
   - Press the **MENU** key (MENU OK), then press 2 abc (for **Axcess Shop**) and 1 for **Axcess Shop**.

Note: The first time you launch Axcess Shop, the warning message "**Browse & Download use airtime.**" pops up in your display. To have this message repeat the next time you launch Axcess Shop, press the **Continue** (left) soft key (–). To stop this message repeating, press the **Remove** (right) soft key (–).

   The Axcess Shop screen appears in the display with the **Shop Now!** icon ( ) highlighted. You have the following options:

   - Press the MENU OK key. **The Axcess Shop** menu appears in the display. You can use the items in this menu to browse or search for, purchase, and download applications.
   - Use the navigation keys to select an application on your phone that you wish to launch.

Section 9: Axcess Web

This section outlines how to launch Axcess Web, how to navigate to other pages on the web, and how the keys on the keypad are used with the web application. Additionally, links to other sites are briefly discussed.

Axcess Web

With Axcess Web, you can conveniently surf the web and download ringtones and wallpapers using your phone. Each time you launch Axcess Web, your phone connects to the Internet and the service indicator icon ( ) appears in the display.

Stored Web Content

Axcess Web 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. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching Axcess Web

1. In standby mode, do one of the following to launch **Axcess Web**:
   - Press the Up navigation key.
   - Press the **MENU** key ( ), then press 3 def (for **Axcess Web**) and 1 for **Axcess Web**.

Note: The first time you launch Axcess Web, the warning message "**Browse & Download use airtime.**" pops up in your display. To have this message repeat the next time you launch Axcess Web, press the **Continue** (left) soft key ( ). To stop this message repeating, press the **Remove** (right) soft key ( ).

   A list of categories (each representing one or more web sites) appears in the display.
2. Use the navigation keys to browse the categories.
3. Once the desired category is highlighted, press the ✔ (left) soft key ( ) to enter the category list.

Exit Axcess Web

▶ Press END to exit **Axcess Web**.

Using Axcess Web

When you use Axcess Web, some of the keys operate differently than during a normal phone call. Axcess Web presents on-screen items in any of the following ways:

- Text or numeric input.

- Links (embedded in content).
- Numbered options (some may not be numbered).
- Simple text.

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

Axcess Web soft keys

The bottom of the Axcess Web display is a bar that contains browser commands. The Left and Right ( ) soft keys on the keypad are used to execute the command that appears above them in the display. These are called “soft keys” because their function changes depending on the application.

Using Links

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

How Axcess Web Keys Work

The following table lists Axcess Web keys and their functions.

Navigation keys — Use to browse lists and options.

BACK Key — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page.

Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.

Asterisk/Shift Key — Press before entering text to enable uppercase characters.

Last Key — Press to enter a zero (0), or to move to the last item in a menu.

Pound/Space Key — Press to insert a space when entering text.

Number 1 thru 9 — Use the number keys to select items in a menu if they are numbered.

End Key — Press to exit the Axcess Web and return the phone to standby mode.

Left Soft Key — Press to activate the command that appears above it in the display.

Right Soft Key — Press to activate the command that appears above it in the display.

Section 10: Celltop

Celltop (an Alltel application and service) displays cells on your phone to provide you with information you choose, instantly—anytime, anywhere.

This section outlines how to launch Celltop on your phone.

Note: For more information, refer to the Celltop Guide or call 1-800-ALLTEL-1 (1-800-255-8351).

Celltop

With Celltop, you can display any of a set of customizable cells listing information, such as:

- Messages in your Inbox.
- Call records in your Calls Log.
- Ringtones, those already available on your phone and those you can get.
- Current weather at your chosen locations.
- Scores and standings of your favorite sports.
- Stock quotes that interest you.
- Latest headlines from selected news services.

Note: For more information, refer to the Celltop Guide or call 1-800-ALLTEL-1 (1-800-255-8351).

Launching Celltop

▶ In standby mode, press the Celltop (left) soft key (–). One of the following appears in the display:

– **CELLTOP SETUP** screen
– Two of your Celltop cells

Section 11: Camera-Camcorder

Use your Samsung phone to take full color digital pictures and videos, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera or camcorder. This section explains how you can do the following:

- Take pictures and videos with your phone's built-in digital camera-camcorder.
- Send and receive pictures and videos taken with your phone's camera-camcorder.
- Set the several options associated with the camera-camcorder that help you take crisp, clear pictures and videos.

Taking Pictures and Videos

Taking pictures videos with the built-in camera-camcorder is as simple as choosing a subject, pointing the lens (located on the rear of your phone, at the top), and pressing a button.

Taking Snap Shots (Single Pictures)

To take a single picture using the current camera settings, do the following:

1. In standby mode, press the Camera key ( ) on the left side of the phone. The message "Loading..." appears in the display followed by a camera view finder screen. (For more information, refer to *"Screen Layouts"* on page 72.)

Note: You can also activate the camera by pressing the **MENU** key ( ), then press 6 (for **Multimedia**) and 1 for **Camera**.

2. Using the display as a viewfinder, point the camera at your subject.
3. Press the MENU key when the image that you wish to capture appears in the display.
4. Press the **Save** (left) soft key ( ) to save the picture to memory.
5. Press the **Erase** (right) soft key ( ) to erase the photo.
6. To exit the Camera feature, with the phone open press the END key, with the phone closed press and hold the **HOLD** key ( ).

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. For more information, refer to *"Camera Options"* on page 75.

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession. After taking Multi Shot pictures, the camera automatically displays thumbnail views of the pictures you have just taken so you can select the best picture(s) and discard the rest.

1. In standby mode, press the **Camera** key (/) on the left side of the phone. The message "Loading..." appears in the display followed by a camera view finder screen. (For more information, refer to *"Screen Layouts"* on page 72.)

Note: You can also activate the camera by pressing the **MENU** key (), then press 6 (for **Multimedia**) and 1 for **Camera**.

2. Press the **Options** (right) soft key (). The options menu bar appears in the display with the **Self Timer** icon () highlighted.
3. Use the Left and Right navigation keys to highlight the **Multi Shot** icon (). The following **Multi Shot** options appear in the display:
   - **Series Shot** — Lets you take a series of 3 or 5 photos.
   - **Divided Shot** — Lets you take a mosaic of 4 or 9 photos.
   - **Auto/Manual** — Lets you select to take the multiple photos automatically (in quick succession) or to take each successive photo manually.
4. When you select **Series Shot** option and press the MENU OK key. The following options appear in the display:
   - **Off**
   - **3**
   - **5**

   When you select Divided Shot and press the MENU OK key, the following options appear in the display:
   - **Off**
   - **4**
   - **9**
5. Use the **Up** and **Down** navigation keys to highlight **3** or **5** (Series Shot) or **4** or **9** (Divided Shot), then press the MENU OK key.

   The Series Shot progress bar (

or

) or the Divided Shot icon (
or
) (which acts as a progress bar while pictures are being take) appears in the display.

6. Using the display as a viewfinder, point the camera lens at your subject.
7. Press the MENU OK key when the image that you wish to capture appears in the display. The camera takes one picture (**Manual**) or multiple pictures in quick succession (**Auto**), then the Series Shot **Select to Save** screen or the Divided Shot multiple-photo screen appears in the display.
   - **Series Shot**:
     - To save the pictures to memory, press the Done (left) soft key (−).
     - To discard the pictures, press the BACK key.
   - **Divided Shot**:
     - To save the pictures to memory, press the **Save** (left) soft key (−).
     - To send the picture to AxcessMyPics.com or in a picture message, press the **Send** soft key (MENU OK).
     - To discard the pictures, press the **Erase** (right) soft key (−).

Taking Videos

To take a video using the current camcorder settings, do the following:

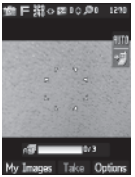
1. In standby mode, press and hold the **Camera** key (📷) on the left side of the phone. The message "**Loading**..." appears in the display followed by the camcorder view finder screen. (For more information, refer to *"Camcorder Screen"* on page 73.)

Note: You can also activate the camcorder by doing one of the following:
1. Pressing the **MENU** key (MENU OK), then press 6 mno (for **Multimedia**) and 2 abc for **Camcorder**.
2. From the camera screen, by pressing the **Camera** key (📷).
3. From the camera screen, by pressing the **Options** (right) soft key, using the Left and Right navigation keys to highlight the Camcorder icon, and then pressing the MENU OK key.

2. Using the display as a viewfinder, point the camera lens at your subject.
3. Press the **Rec** (MENU OK) key when the image that you wish to capture appears in the display. Recording continues until you press the **Stop** (MENU OK) key or until 30 seconds of video has been recorded, whichever comes first.
4. Press the **Save** (left) soft key (−) to save the video to memory.
5. Press the **Erase** (right) soft key (−) to erase the video.

Screen Layouts

Camera Screen



When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed. The soft key labels on the bottom line of the display change to the following:

- **My Images** — Pressing the Left soft key ( ) opens the **My Images** multimedia folder so you can view or manage your stored pictures. (For more information, refer to *"The Photo Gallery"* on page 87.)
- **Take** — Pressing the MENU OK key takes a picture of the image currently appearing on the display.
- **Options** — Pressing the right soft key ( ) opens a menu bar of camera options and settings.

Camera Screen Icons

Camera — Indicates the camera is active.

Night Shot — Indicates the camera is set to take pictures in low light.

Quality — Indicates camera's picture quality setting. (You can change the picture quality setting. (For more information, refer to *"Quality"* on page 83.)

Camera Resolution — Indicates camera's current resolution setting. (You can change the camera resolution setting. For more information, refer to *"Camera Options"* on page 75.)

Photo Limit — Indicates the available number of photos you can take. (Depending on the camera resolution setting.)

White Balance — Indicates camera's white balance setting. (You can change the camera white balance setting. (For more information, refer to *"White Balance"* on page 77.)

Phone Memory — Indicates photos will be stored in the phone's memory.

Card Memory — Indicates photos will be stored on a microSD Memory Card.

Zoom — Enlarges the image from X0 to X9 before you take a picture. (Depending on the camera resolution setting.)

Brightness — Brightens or darkens the image from -4 to +4.

Multi Shot in use (Divided Shot) — Takes multiple pictures automatically (as shown) or manually ( ) when you press the MENU OK key. The number of pictures taken depends upon the Divided Shot setting.

Multi Shot in use (Series Shot) — Takes multiple pictures when you press the MENU OK key. The number of pictures taken depends upon the Series Shot setting.

Self Timer in use — Delays the camera shutter from 2 to 10 seconds after you press the MENU OK key.

Camcorder Screen

When you activate your phone's camcorder, the first line of the display is shows current camcorder setting icons. The center of the display shows a viewfinder image of the subject at which the camcorder is pointed. The soft key labels on the bottom line of the display change to the following:

- **My Videos** — Pressing the left soft key ( ) opens the **My Videos** multimedia folder so you can view or manage your stored pictures. (For more information, refer to *"The Photo Gallery"* on page 87.)
- **Rec** — Pressing the MENU OK key starts the camcorder recording a video of the image currently appearing in the display.
- **Options** — Pressing the right soft key ( ) opens a menu bar of camcorder options and settings.

Camcorder Screen Icons

Camcorder — Indicates the camcorder is active.

Quality — Indicates camcorder's video quality setting. (You can change the video quality setting. For more information, refer to *"Quality"* on page 83.)

Memory Available — Indicates the percentage of memory available for you to store a video.

White Balance — Indicates the camcorder's white balance setting. (You can change the camcorder white balance setting. For more information, refer to *"White Balance"* on page 77.)

Phone Memory — Indicates videos will be stored in the phone's memory.

Card Memory — Indicates videos will be stored on a microSD Memory Card.

Zoom — Enlarges the image from X0 to X9 before you take a video. (Depending on the camcorder quality setting.)

Brightness — Brightens or darkens the image from 4 to +4.

Self Timer in use — Delays the camcorder from recording for from 2 to 10 seconds after you press the MENU OK key.

Recording Mode — Indicates camcorder is in MMS mode (as shown) with Quality and recording time limits or in Normal mode ( ).

Saving Pictures and Videos

After you've taken a picture or video, you can do any of the following:

- **Save the picture or vide**o by pressing the **Save** (left) soft key (–).

A picture is stored in the **My Images** folder. A video is stored in the **My Videos** folder. These folders are part of the phone's memory and/or part of an optional Memory Card devoted to storing, browsing, and viewing saved pictures and videos. (For more information, refer to *"The Photo Gallery"* on page 87.)

- **Send the picture or video** to someone else by pressing the **Send** (MENU OK) key.

For a detailed procedure, see "*Creating and Sending a Picture Message*" on page 53 or see "*Creating and Sending a Video Message*" on page 55.

- **Discard the picture or video** by pressing the **Erase** (right) soft key (–).

Camera Options

The Camera Options let you adjust the default camera settings to suite available lighting, the subject of the photo, or the purpose of the photo. To access Camera Options, do the following:

1. In standby mode, press and hold the Camera key (/). The camera viewfinder screen appears in the display.
2. Press the **Options** (right) soft key (). The following sub-menus appear in the display:
   - **Self Timer**
   - **Multi Shot**
   - **Quality**
   - **Resolution**
   - **White Balance**
   - **Fun Tools**
   - **Settings**
   - **Camcorder**
3. Use the Left and Right navigation keys to highlight the desired option and/or setting, then press the MENU OK key to save the selected setting.

Self Timer

Self Timer lets you delay taking a picture long enough to let you join others in a picture.

1. In camera mode, press the **Options** (right) soft key (). The options menu bar appears in the display.
2. Use the navigation keys to highlight one of the following **Self Timer** options:
   - **Off**
   - **2 Sec.**
   - **5 Sec.**
   - **10 Sec.**
3. Press the MENU OK key. If you select **2 Sec.**, **5 sec.**, or **10 sec.**, the Self Timer icon appears in the camera screen in the display.

   The next time you press the MENU OK key, the countdown timer indicates the time remaining before the camera takes the picture. The phone reads the countdown timer value beginning with two or three and continuing to zero, when the picture is taken.

Tip: To stop the countdown timer without resetting it, press the BACK key.

Multi Shot

Multi Shot lets you take multiple pictures in succession at the touch of a key.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight one of the following **Multi Shot** options:
   - **Series Shot** — Off / 3 pictures taken in succession / 5 pictures taken in succession.
   - **Divided Shot** — Off / 4 of the same new picture in a 2-by-2 array / 9 of the same new picture in a 3-by-3 array.
   - **Auto/Manual** — Automatically takes pictures / You Manually take the pictures.
3. Press the MENU OK key to save the setting. The camera screen appears in the display.

Note: When a Multi Shot option is set to a value other than Off, either a Series Shot progress bar (0/5) or a Divided Shot icon ( ) appears in the viewfinder screen.

The next time you press the MENU OK key, the camera takes several pictures in rapid succession.

Quality

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

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight one of the **Quality** options: **Fine**, **Normal**, or **Economy**.
3. Press the MENU OK key. You're returned to the camera viewfinder screen.

Resolution

Change the size (in bytes) of your pictures using the Resolution setting.

1. In camera mode, press the Options (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight one of the following **Resolution** options:
   - **1600 X 1200** (pixels)
   - **1280 X 960** (pixels)

- **640 X 480** (pixels)
- **320 X 240** (pixels)
- **176 X 144** (pixels)
- **160 X 120** (pixels)
- **Picture ID** — lets you take pictures the correct size and resolution for Contacts list picture IDs.

3. Press the MENU OK key. You're returned to the camera viewfinder screen.

Note: The Resolution setting affects zoom capabilities. When Resolution is set to 1600 X 1200, zoom is not available. When Resolution is set to any value lower than 1600 X 1200, zoom settings 1 – 9 are available.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight one of the following **White Balance** options:
   - **Auto** — The camera automatically adjusts picture quality to available light.
   - **Sunny** — Use this setting when taking pictures in full sun.
   - **Cloudy** — Use this setting when taking pictures in cloudy conditions.
   - **Tungsten** — Use this setting when taking pictures under incandescent lights.
   - **Fluorescent** — Use this setting when taking pictures under fluorescent lights.

   Each option, as you highlight it, shows the effects it has on a picture.
3. When you decide on the White Balance you wish to use, press the MENU OK key. The camera viewfinder screen appears in the display with your selected White Balance applied.

   The next time you press the MENU OK key, the camera applies the selected White Balance to your picture.

Fun Tools

Color Effects

Change the look of your pictures with Color Effects. Choose from eight available settings such as Gray, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight **Fun Tools**, and then highlight **Color Effects**.
3. Press the MENU OK key. The following options appear in the display:

Note: Choose Normal to disable Color Effects.

- **Normal** — Subjects and pictures appear with a normal hue.
- **Black&White** — Subjects and pictures appear in black and white.
- **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- **Negative** — Subjects and pictures appear in inverted colors.
- **Green** — Subjects and pictures appear in a greenish hue.
- **Aqua** — Subjects and pictures appear in an aqua hue.

4. Use the navigation keys to highlight the color effect of your choice is highlighted, then press the MENU OK key. You're returned to the camera viewfinder screen.

   When you take your next picture, the phone's display previews your subject image with the selected color effect.

Fun Frames

Fun Frames lets you temporarily apply one of the preloaded picture frames in your phone to characterize or enhance one or more pictures.

Note: The None frame is a blank frame.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **Fun Tools**, and then highlight **Fun Frames**.
3. Press the MENU OK key. A pop-up menu of the available Fun Frames appears in the display.
4. Use the Up and Down navigation keys to show the various Fun Frames.
5. When you decide on the frame you wish to use, press the MENU OK key. The camera screen appears in the display with your selected Fun Frame in place.

   The next time you press the MENU OK key, the camera includes the selected Fun Frame in your picture.

Settings

Memory

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight Memory, then press the MENU OK key. The following Memory options appear in the display:
   - **Phone** — Stores pictures in phone memory.
   - **Card** — Stores pictures on an optional microSD Memory Card.
4. Use the Up and Down navigation keys to highlight the memory location setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen.

Auto Save

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Auto Save**, then press the MENU OK key. The following options appear in the display:
   - **Off**
   - **On**
4. Use the Up and Down navigation keys to highlight the automatic save setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen.

Icon Display

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Icon Display**, then press the MENU OK key. The following options appear in the display:
   - **Display All** — Shows camera icons as seen in "Camera Screen Icons" on page 72.
   - **Guideline** — Shows a cross hatch pattern in the view finder screen.

- **No Icons** — Shows a nearly full-display subject image and without icons.

4. Use the Up and Down navigation keys to highlight the viewfinder screen setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen.

Metering

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Metering**, then press the MENU OK key. The following options appear in the display:
   - **Average** — Adjusts exposure to the average light level over a large picture area.
   - **Center** — Adjusts exposure to the average light level over a center portion of the subject.
   - **Spot** — Adjusts exposure to the light level over a small portion of the subject.
4. Use the Up and Down navigation keys to highlight the Metering setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen.

When you take your next picture, the phone's display previews your subject image with the measured exposure.

View Mode

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **View Mode**, then press the MENU OK key. The following options appear in the display:
   - **Landscape** — Shows a wider, more panoramic view of the subject.
   - **Portrait** — Shows a narrower, more vertically oriented view of the subject.
4. Use the Up and Down navigation keys to highlight the view mode setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen, which now shows the selected view.

Night Shot

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Night Shot**, then press the MENU OK key. The following options appear in the display:
   - **Off**
   - **On**
4. Use the Up and Down navigation keys to highlight the Night Shot setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen.

Shutter Sound

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

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Shutter Sound**, then press the MENU OK key. The following shutter sounds appear in the display:
   - **Off**
   - **Shutter**
   - **OK**
   - **DingDong**
4. Use the Up and Down navigation keys to highlight the shutter sound setting of your choice, then press the MENU OK key. You're returned to the camera viewfinder screen.

Reset Settings

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Left and Right navigation keys to highlight **Reset Settings**, then press the MENU OK key. You are prompted to confirm reset of all camera settings.
   - Select the **Yes** option to reset the camera settings to default values.
   - Select the **No** option to keep the current camera settings.

Camcorder

1. In camera mode, press the Options (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Camcorder**, then press the MENU OK key. The Camcorder view finder screen appears in the display.

Camcorder Options

The Camcorder Options let you adjust the default camcorder settings to suite available lighting, the subject of the video, or the purpose of the video. To access Camcorder Options, do the following:

1. In standby mode, press and hold the **Camera** key ( ). The camcorder viewfinder screen appears in the display.
2. Press the Options (right) soft key ( ). The following sub-menus appear in the display:
   - **Recording Mode**
   - **Self Timer**
   - **Quality**
   - **White Balance**
   - **Color Effects**
   - **Settings**
   - **Camera**
3. Use the Left and Right navigation keys to highlight the desired option and/or setting, then press the MENU OK key to save the selected setting.

Recording Mode

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **Recording Mode**. The following options appear in the display:
   - **Limit for MMS** — Record videos that are a maximum of 30 seconds long. The videos can be included in video messages.
   - **Normal** — Record videos that are any length up, depending on available memory.
3. Use the Up and Down navigation keys to highlight the desired recording mode setting, then press the MENU OK key. The camcorder screen appears in the display.

Self Timer

Self Timer lets you delay taking a video long enough to let you join others in the video.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the Left and Right navigation keys to highlight **Self Timer**.

   The following options appear in the display:

   - **Off**
   - **2 Sec.**
   - **5 Sec.**
   - **10 Sec.**

3. Use the Up and Down navigation keys to highlight the desired delay, then press the MENU OK key. The camcorder screen appears in the display.

   The next time you press the MENU OK key, a countdown timer in the display indicates the time remaining before the camcorder starts recording the video. The phone reads the countdown timer value beginning with two or three and continuing to zero, when recording begins.

Tip: To stop the countdown timer without resetting it, press the BACK key.

Quality

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

1. In camcorder mode, press the Options (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Quality**.
3. Use the Up and Down navigation keys to highlight **Fine**, **Normal**, or **Economy**.
4. Once the quality setting of your choice is highlighted, press the MENU OK key. You're returned to the camcorder viewfinder screen.

White Balance

White Balance allows you to adjust video quality according to available light.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **White Balance**. The name of the current White Balance setting appears in the second line of the display. The options are:
   - **Auto** — The camcorder automatically adjusts color balance to available light.
   - **Sunny** — Use this setting when recording videos in full sun.
   - **Cloudy** — Use this setting when recording videos in cloudy conditions.

- **Tungsten** — Use this setting when recording videos under incandescent lights.
- **Fluorescent** — Use this setting when recording videos under fluorescent lights.

3. Use the Up and Down navigation keys to show the various White Balances and the effects they have on a video.
4. When you decide on the White Balance you wish to use, press the MENU OK key. The camcorder viewfinder screen appears in the display with your selected White Balance applied.

   The next time you press the MENU OK key, the camcorder applies the selected White Balance to your video.

Color Effects

Change the look of your videos with Color Effects. Choose from eight available settings such as Gray, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camcorder mode, press the **Options** (right) soft key ([-]). The options menu bar appears in the display.
2. Use the navigation keys to highlight one of the following **Color Effects**:

Note: Choose Normal to disable Color Effects.

- **Normal** — Subjects and pictures appear with a normal hue.
- **Black&White** — Subjects and pictures appear in black and white.
- **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- **Negative** — Subjects and pictures appear in inverted colors.
- **Green** — Subjects and pictures appear in a greenish hue.
- **Aqua** — Subjects and pictures appear in an aqua hue.

3. After you highlight the color tone of your choice, then press the MENU OK key. You're returned to the camcorder viewfinder screen.

   When you record your next video, the phone's display previews your subject image with the selected color effect.

Settings

Memory

1. In camcorder mode, press the Options (right) soft key ([-]). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Memory**, then press the MENU OK key. The following Memory options appear in the display:
   - **Phone** — Stores videos in phone memory.
   - **Card** — Stores videos on an optional microSD Memory Card.
4. Use the Up and Down navigation keys to highlight the memory location setting of your choice, then press the MENU OK key. You're returned to the camcorder viewfinder screen.

Auto Save

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Auto Save**, then press the MENU OK key. The following options appear in the display:
   - **Off**
   - **On**
4. Use the Up and Down navigation keys to highlight the automatic save setting of your choice, then press the MENU OK key. You're returned to the camcorder viewfinder screen.

Icon Display

1. In camcorder mode, press the Options (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Icon Display**, then press the MENU OK key. The following options appear in the display:
   - **Display All** — Shows camcorder icons as seen in "Camcorder Screen Icons" on page 73.
   - **No Icons** — Shows a nearly full-display subject image and without icons.
4. Use the Up and Down navigation keys to highlight the viewfinder screen setting of your choice, then press the MENU OK key. You're returned to the camcorder viewfinder screen.

Start Sound

Choose from two different sounds whenever you begin video recording. Aside from being a cool sound effect, Start Sound acts as an audible reminder that your camcorder has begun recording a video.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Start Sound**, then press the MENU OK key. The following options appear in the display:
   - **Off**
   - **Look here**
   - **1,2,3!**
4. Use the Up and Down navigation keys to highlight the desired start sound, then press the MENU OK key. You're returned to the camcorder viewfinder screen.

End Sound

Choose from two different sounds whenever you stop video recording. Aside from being a cool sound effect, End Sound acts as an audible reminder that your camcorder has stopped recording a video.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **End Sound**, then press the MENU OK key. The following options appear in the display:
   - **Off**
   - **OK**
   - **Melody**
4. Use the Up and Down navigation keys to highlight the desired end sound, then press the MENU OK key. You're returned to the camcorder viewfinder screen.

Reset Settings

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.

3. Use the Up and Down navigation keys to highlight **Reset Settings**, then press the MENU OK key. You are prompted to confirm reset of all camcorder settings.
   - Select the **Yes** option to reset the camcorder settings to default values.
   - Select the **No** option to keep the current camcorder settings.

Camera

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Camera**, then press the MENU OK key. The Camera viewfinder screen appears in the display.

Zoom

Zoom lets you temporarily enlarge the pictures you take. Increasing the Zoom (1 – 9) enlarges your pictures or videos (0 is normal).

▶ In camera or camcorder viewfinder screen, use the Up and Down navigation keys to adjust the Zoom (the screen image enlarges to show the affects of your changes).

The next time you press the MENU OK key, the camera takes an enlarged picture or the camcorder takes an enlarged video according to your selected Zoom setting.

Brightness

Brightness lets you temporarily lighten the pictures you take. Increasing the Brightness (-4 – +4) lightens your pictures (0 is normal).

▶ In camera or camcorder viewfinder screen, use the Left and Right navigation keys to adjust the Brightness (the screen image lightens or darkens to show the affects of your changes).

The next time you press the MENU OK key, the camera takes a lighter or darker picture or the camcorder records a lighter or darker video according to your selected Brightness setting.

The Photo Gallery

Saved pictures are stored in the My Images folder. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. In the Camera viewfinder screen, press the **My Images** (left) soft key ([-]). Any pictures that you've saved appear in the display.
2. Use the navigation keys to browse pictures in the gallery.
3. Press the **Options** (right) soft key ([-]) while viewing pictures in the Gallery. The following options appear in the display:
   - **Send** — Send the currently displayed or highlighted picture as a Picture message.
   - **Online Album** — Send the currently displayed or highlighted picture to the Online Album.
   - **Set As** — Assign the currently displayed or highlighted picture to be standby screen Wallpaper or as a Picture ID for someone in your Contacts list.
   - **Slide Show** — Show the pictures as a full screen slide show.
   - **Rename** — Rename the currently displayed or highlighted picture.
   - **Move** — Relocate the currently displayed or highlighted picture from phone memory to a Memory Card or from a Memory Card to phone memory.
   - **Lock / Unlock** — Lock the currently displayed or highlighted picture so that it cannot be deleted, or unlock the picture so that it can be deleted.
   - **Erase Files** — Erase selected unlocked pictures in the Picture Gallery. Locked pictures must be unlocked before you can erase them.
   - **Picture Info** — View the Title, time and date created, size, and resolution of the currently highlighted or displayed picture.
4. Use the navigation keys to highlight the desired option. Press the MENU OK key to perform the function for the option or enter its sub menu.

Switch From Expanded to Thumbnail Mode

1. Use the navigation keys to highlight a picture that you wish to view full size, press the MENU OK key.
2. Press the MENU OK key to return to the thumbnail view of your photos.

Point, Click, and Send Pictures and Videos

Take a picture or record a video and send it to anyone with a compatible device in a few easy steps.

1. In standby mode, press the **Camera** key ([📷]) to activate the camera.

   Press the **Camera** key ([📷]) a second time to activate the camcorder.

2. Using the display as a viewfinder, take the desired picture or record the desired video by pressing the MENU OK key.

   Press the MENU OK key a second time to stop video recording.

3. Press the **Send** soft key (MENU OK). You are prompted to send the picture(s) or video to AxcessMyPics.com.
4. Use the Up and Down navigation keys to highlight **No** and press the MENU OK key. The **Create Pic Msg** or **Create Video Msg** screen appears in the display.

Note: For more information about AxcessMyPics.com, contact your Wireless Provider.

---

5. Enter the recipient's phone number or email address using the keypad.
6. Press the MENU OK key to save the address(es) and move to the **Subject** field. Use the navigation keys to move to the other message fields. For more information, refer to *"Messaging"* on page 52.
7. When you are finished composing your message, press the **SEND** soft key (MENU OK) to send the Picture or Video message to the intended recipients.

Section 12: Multimedia

This section outlines your phone's multimedia functions and key features associated with multimedia.

Accessing Multimedia

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno for **Multimedia**. The following Multimedia sub-menus appear in the display:
   - **Camera** — Lets you launch and set up your phone's camera. (For more information, refer to *"Camera-Camcorder"* on page 69.)
   - **Camcorder** — Lets you launch and set up your phone's camcorder. (For more information, refer to *"Camera-Camcorder"* on page 69.)
   - **Music Player** — Lets you play and manage music files stored on a memory card.
   - **My Images** — Lets you choose the multi-media or pictures that appear in your phone's display.
   - **My Videos** — Lets you choose the videos that appear in your phone's display.
   - **My Ringtones** — Lets you assign melody tones for calls, alarms, and other alerts.
   - **My Sounds** — Lets you assign melody tones for calls, alarms, and other alerts.
   - **Shuffle** — Lets you assign multiple images and melody tones that will play in random order for calls.
2. Use the navigation keys to highlight a sub-menu.
3. Press MENU OK to enter the highlighted sub-menu. The following sections describe the above listed sub-menus in greater detail.

Music Player

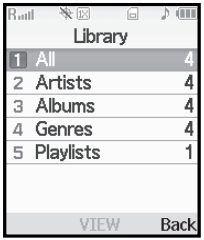
Music Player lets you play downloaded music files (MP3) stored on a Memory Card.

Launching the Music Player Library Menu

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno (for **Multimedia**) and 3def for **Music Player**.

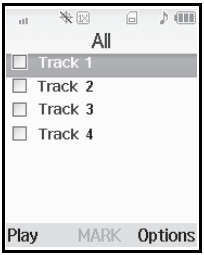
Tip: You can also directly access the Music Player by using the Music Player shortcut.
In standby mode, press the Left navigation key.

The Library screen appears in the display, showing the following options:



- **All** — Lists all music files on the Memory Card and lets you play individual music files or play multiple music files by creating a temporary music playlist.
- **Artists** — Lists artist names for music files on the Memory Card and lets you play one or more music files by a selected artist.
- **Albums** — Lists album titles for music files on the Memory Card and lets you play one or more music files from a selected album.
- **Genres** — Lists music categories for music files on the Memory Card and lets you play one or more music files of a particular music category.
- **Playlists** — Lists any playlists you have saved and lets you create, save, and manage playlists.

2. Use the Navigation key to highlight a music file, then:

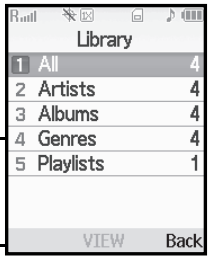


- Press the **Play** (left) soft key ( ) to play the file.
- Press the **MARK** MENU OK key to select the file for playing or other options.
- Press the **Options** (right) soft key ( ) to select and apply any of the following options to the highlighted or marked music files(s):
  - **Mark All** — Marks all listed music files for playing, removal, or assignment of player settings.
  - **Remove** — Deletes highlighted or marked music file(s) from the Memory Card.
  - **Properties** — Lists the title, artist, album, genre, copyright information, time length, file size, and bitrate of the highlighted music file.
  - **Player Settings** — Lets you assign a particular Visualizer to highlighted or marked music file(s).

    Use the Up and Down navigation keys to highlight an option, then press the MENU OK key.

Playing Music

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno (for **Multimedia**) and 3def for **Music Player**.

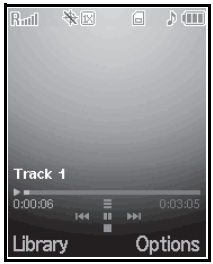


Tip: You can also directly access the Music Player by using the Music Player shortcuts.
In standby mode, press the Left navigation key.

The **Library** screen appears in the display, showing the following options:

- **All**
- **Artists**
- **Albums**
- **Genres**
- **Playlists**

2. Use the Navigation key to highlight the desired option, press the **VIEW** key (MENU OK), and then do one of the following:



- **All option** — Use the Navigation key to highlight a music file, then press the **Play** (left) soft key (–) to play the file.

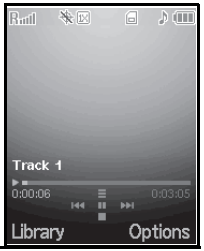
Tip: To play additional files, use the Left and Right navigation keys, or highlight and mark additional files for playback. (For more information, refer to *"Launching the Music Player Library Menu"* on page 90.)

- **Other options** — Use the Navigation key to highlight an Artist, Album, Genre, or Playlist, then press the **VIEW** key (MENU OK).

  Use the Navigation key to highlight a music file, then press the **Play** (left) soft key (–) to play the file.

The Music Player screen appears in the display and the selected music file/playlist begins playing.

Music Player Controls



- **Volume key**:
  - To play a music file louder, press the Volume key Up.
  - To play a music file softer, press the Volume key Down.
- **Navigation key**:
  - To pause/resume playing a music file, press the MENU OK key.

Note: With the flip closed, use the touch key pad on the front of the phone to pause/resume playing a music file.

  - To stop playing a music file, press the Down navigation key.
  - To skip play to an earlier music file in the selected list, press the Left navigation key.
  - To skip play to a later music file in the selected list, press the Right navigation key.
  - To return to the selected list and choose another music file to play, press the Up navigation key.
- **Library** (left) soft key — Returns you to the **Library** screen.
- **Options** (right) soft key — Shows the following sub-menus and options:
  - **Play Mode** — Lets you change the play mode from Normal, Shuffle, Repeat One, Repeat All, or Shuffle Repeat All.
  - **Add to Playlist** — Moves you to the **Playlists** menu to let you add the selected music file to a playlist.
  - **Remove** — Temporarily drops the selected music file from the Library list. To restore the music file to the list, turn your phone off and back on again.
  - **Properties** — Lists the title, artist, album, genre, copyright information, time length, file size, and bitrate of the highlighted music file.
  - **Visualizer** — Lets you change the Music Player visualization to Simple View, Equalizer, Album Art, or Lyrics.
  - **Memory Info** — Displays the **Memory Usage** screen which lists Memory Card usage and availability amounts.

Press the Navigation key Up or Down to highlight the desired option, then press the OK key (MENU OK) to launch the option or access the sub-menu.

My Images

My Images lets you choose the pictures that appear in your phone's display while in standby mode (wallpaper) and as picture IDs for your contacts.

1. In standby mode, press the **MENU** key (MENU OK), then press 6 mno (for **Multimedia**) and 4 ghi for **My Images**.

If there are no pictures stored in your phone or on a memory card, "**No Image**" appears in the **My Images** screen. [To launch the camera to take a picture, press the **Camera** (left) soft key (–). (For more information, refer to *"Camera-Camcorder"* on page 69.)]

If there are pictures stored in your phone or on a memory card, up to four thumbnail images of your pictures appear in the display.

Tip: You can also access My Images from:

-The Camera screen, by pressing the **My Images** (left) soft key (–).

-The **Edit Contact** screen, by selecting the picture ID field and pressing the Set (left) soft key (–).

---

2. Use the navigation keys to highlight a picture.

   Press the MENU OK key to expand the selected picture to fill the screen.

3. Press the **Options** (right) soft key (–). A pop-up menu containing the following options appears in the display:

   - **Send** — Lets you send the selected image to a specified recipient in a Picture message.
   - **Online Album** — Lets you send the selected image to an Online Album on your wireless provider's server. For details, contact your wireless provider.
   - **Set As** — Lets you assign the selected picture as the **Main Wallpaper**, the **Picture ID** for a Contact, or the **Front Wallpaper**.
   - **Slide Show** — Shows the available images as a sequence of full-screen pictures.
   - **Rename** — Lets you rename the picture.
   - **Move** — Lets you move the picture from the phone to the memory card or from the memory card to the phone.
   - **Lock / Unlock** — Lets you protect the picture from being deleted.
   - **Erase Files** — Erases one or more selected, unlocked pictures.
   - **Picture Info** — Displays information about the picture, such as the picture **Name**, creation **Date** and **Time**, **Resolution**, and the data **Size**.

4. Use the navigation keys to highlight an option, then press the MENU OK key to invoke the selected option.

5. Press the BACK to return to the previous menu, or press the END key to return to standby mode.

My Videos

My Videos lets you take videos, review your videos, send them as video messages, and assign your videos as wallpaper on your phone.

1. In standby mode, press the **MENU** key (–), then press 6mno (for **Multimedia**) and 5 jkl for **My Videos**.

   If there are no videos stored in your phone or on a memory card, "**No Video**" appears in the **My Videos** screen.

   If there are videos stored in your phone or on a memory card, up to four thumbnail images from your videos appear in the **My Videos** screen.

2. To take a new video, press the **Video** (left) soft key (–). The camcorder view finder screen appears in the display. For more information, refer to *"Camera-Camcorder"* on page 69.

3. To play a video, use the navigation keys to highlight a video, then press the **PLAY** (MENU OK) key.

4. For more My Videos options, press the **Options** (right) soft key (–). The following options appear in the display:

   - **Send** — Lets you send the selected video to a specified recipient in a Video message.
   - **Online Album** — Lets you send the selected video to an Online Album on your wireless provider's server. For details, contact your wireless provider.
   - **Set As** — Lets you assign the selected video as the Main Wallpaper.
   - **Rename** — Lets you change the name of the video.
   - **Move** — Lets you move the video from the phone to the memory card or from the memory card to the phone.
   - **Lock / Unlock** — Lets you protect the video from being deleted.
   - **Erase Files** — Erases one or more selected, unlocked videos.
   - **Video Info** — Displays information about the video, such as the video **Name**, creation **Date** and **Time**, **Resolution**, data **Size**, and the **Duration**.

5. Use the navigation keys to highlight an option, then press the MENU OK key to invoke the selected option.

6. Press the BACK to return to the previous menu, or press the END key to return to standby mode.

My Ringtones

My Ringtones lets you assign ringtones (preloaded and downloaded) for calls, alerts, and as distinctive ringers for Contacts.

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno (for **Multimedia**) and 6mno for **My Ringtones**. A list of ringtones appears in the display.

Tip: You can also access My Ringtones from:

-A **Set Alarm** screen by selecting the **Ringer** option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting **My Ringtones**.

-The **Edit Contact** screen by selecting the **Ringtone** field, pressing the **Set** (left) soft key ( ), and selecting **My Ringtones**.

2. Use the navigation keys to highlight a particular ringtone.
   - Press the MENU OK key to **PLAY** the ringtone.
   - Press the **Info** (right) soft key ( ) to show the file name and file type.
3. Press the **Set As** (left) soft key ( ) to assign the highlighted ringtone. The following options appear in the display:
   - **Ringtone** — Lets you assign the selected ringtone to incoming voice calls.
   - **Contact ID** — Lets you assign the selected ringtone as the distinctive ringer for a Contact.
   - **Alert Tone** — Lets you assign the selected ringtone to **All Messages**, **Text Message**, **Picture/Video Message**, or **Voicemail Msg**.

   Use the navigation keys to highlight an option, then press the MENU OK key.
4. When using a downloaded ringtone, press the **Options** (right) soft key ( ) and the following options appear in the display:
   - **Lock / Unlock** — Lets you prevent/permit file deletion.
   - **Erase** — Erases the selected file.
   - **Erase All** — Erases all downloaded ringtones.
   - **Ringtone Info** — Displays information about the selected file, such as the file name, the file type, and the data size.

   Use the navigation keys to highlight an option, then press the MENU OK key.
5. Press the BACK to return to the previous menu, or press the END key to return to standby mode.

My Sounds

My Sounds lets you record voice memos and lets you assign preloaded and downloaded sound files as ringers for calls, alarms, and other alerts.

1. In standby mode, press the **MENU** key (MENU OK), then press 6 mno (for **Multimedia**) and 7 pqrs for **My Sounds**. **Record New** and a list of sound files appears in the display.

Tip: You can also access **My Sounds** from:

-A **Set Alarm** screen by selecting the **Ringer** option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting **My Sounds**.

-The **Edit Contact** screen by selecting the **Ringtone** field, pressing the Set (left) soft key ( ), and selecting **My Sounds**.

Note: Recorded sound files (voice memos) do not appear in these lists.

2. Use the navigation keys to highlight the **Record New** option, then press the MENU OK key to record a voice memo. (For more information, refer to *"Voice Memo"* on page 98.)
3. Press the **Options** (right) soft key ( ).
   - For a recorded sound file, a pop-up menu containing the following options appears in the display:
     - **Send** — Lets you send the selected sound file to a specified recipient in a Picture message.
     - **OnlineAlbum** — Lets you send the selected sound file to an Online Album on your wireless provider's server. For details, contact your wireless provider.
     - **Rename** — Lets you rename the sound file.
     - **Lock / Unlock** — Lets you protect the sound file from being deleted.
     - **Erase All** — Erases all sound files.
     - **Sound Info** — Displays information about the sound file, such as the file name, file size, file type, date, and time.
   - For a preloaded sound file, a pop-up menu containing the following options appears in the display:
     - **Send** — Lets you send the selected sound file to a specified recipient in a Picture message.
     - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
     - **Erase All** — Erases all sound files.
     - **Sound Info** — Displays information about the sound file, such as the file name, file type, and the data size.
   - For a downloaded sound file, the following options appear in the display:
     - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
     - **Rename** — Lets you rename the sound file.
     - **Lock / Unlock** — Lets you protect the sound file from being deleted.
     - **Erase All** — Erases all sound files.
     - **Sound Info** — Displays information about the sound file, such as the file name, file type, and the data size.

   Use the navigation keys to highlight an option and press the MENU OK key.
4. Press the BACK to return to the previous menu, or press the END key to return to standby mode.

Voice Memo

You can use your phone to record voice memos for later playback.

Note: The maximum length for a single voice memo is 60 seconds.

You can save as many voice memos as will fit in the empty memory capacity.

Record a Voice Memo

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno (for **Multimedia**) and 7pqrs for **My Sounds**. A list of sound files appears in the display with **Record New** highlighted.
2. Press the MENU OK key. The **Record New** screen appears in the display.
3. Press the **REC** key (MENU OK), then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.
   - To pause the memo, press the **Pause** (left) soft key ( ). When a memo is paused, select **Resume** to continue recording.
4. Press the **SAVE** key (MENU OK) once you're finished recording. The new recording is saved, and the standby mode screen appears in the display.

Review Voice Memos

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

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno (for **Multimedia**) and 7pqrs for **My Sounds**. A list of sound files appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to review.
3. Press the **PLAY** key (MENU OK) to play the voice memo.
   - To stop the memo, press the **STOP** key (MENU OK). Press the MENU OK key again to restart playing the memo.

   When the voice memo finishes playing, the selected voice memo remains highlighted in the list of sound files.

Erase One Voice Memo

1. In standby mode, press the **MENU** key (MENU OK), then press 6mno (for **Multimedia**) and 7pqrs for **My Sounds**. A list of sound files appears in the display.

2. Use the navigation keys to highlight the voice memo you wish to erase.
3. Press the **Erase** (left) soft key (–). "**Erase Sound?**" appears in the display.
4. Press the **Yes** (left) soft key (–) to erase the selected voice memo, or press the **No** (right) soft key (–) to return to the list of sound files.

Erase All Voice Memos at One Time

1. In standby mode, press the **MENU** key (MENU OK), then press 6 mno (for **Multimedia**) and 7 pqrs for **My Sounds**. A list of sound files appears in the display.
2. Use the navigation keys to highlight a voice memo.
3. Press the **Options** (right) soft key (–). The following options appear in the display:
   - **Send** — Lets you send a copy of this voice memo as part of a picture message.
   - **Set As** — preloaded sound files only — Lets you set this sound file as a Ringtone, Contact ID ringer, or Alert Tone.
   - **Online Album** — Lets you send a copy of this voice memo to your Online Album. (For more information, contact your Wireless Carrier.)
   - **Rename** — Lets you change the name of this voice memo.
   - **Lock/Unlock** — Blocks/permits erasure of this voice memo.
   - **Erase all** — Erases all unlocked sound files that are not preloaded.
   - **Sound Info** — Shows you the Name, Size, Type, Date, and Time for this sound file.
4. Use the navigation keys to highlight Erase all, then press the MENU OK key. "**Erase All Sounds?**" appears in the display.
5. Press the **Yes** (left) soft key (–) to all of the sound files or press the **No** (right) soft key (–) to return to the list of sound files.

Shuffle

Shuffle lets you select sets of picture and sound files that display and play in random order.

Image Shuffle

1. In standby mode, press the **MENU** key (MENU OK), then press 6 mno (for **Multimedia**) and 8 tuv for **Shuffle**. The following options appear in the display:
   - **Image Shuffle** — When set to **On**, presents a random slide show of a set of specified pictures as **Wallpaper** in standby mode.
   - **Melody Shuffle** — When set to On, plays one of a set of specified ringtones and/or sound files, selected randomly, as the ringer for incoming calls.

Use the navigation keys to highlight **Image Shuffle** and press the MENU OK key. The **Image Shuffle** screen appears in the display, showing the message "**No image shuffle**".

2. To select images for the Image Shuffle, do the following:
   - Press the **Add** (left) soft key ( ). The following options appear in the display:
     - **My Images**
     - **Preset Images**

     Use the navigation keys to highlight either option, then press the MENU OK key. A list of image files appears in the display.
   - Use the navigation keys to highlight a picture, then press the MENU OK key. A check mark appears in the check box for the selected picture.

     Repeat this step for each picture to be included in the Image Shuffle.
   - Press the **Done** (left) soft key ( ). You are prompted to save this entry. Press the **Yes** (left) soft key ( ) to save this entry.

     The **Image Shuffle** screen appears in the display showing thumbnails of the selected pictures.
   - Press the BACK key. You are returned to the **Shuffle** screen.
3. To activate the Image Shuffle, use the navigation keys to highlight the **Image Shuffle** option, then press the **Set As** (left) soft key ( ). The following options appear in the display:
   - **On**
   - **Off**

   Use the navigation keys to highlight the On option and press the MENU OK key. "**Image shuffle set**" appears in the display, then you are returned to the **Shuffle** screen.
4. Press the BACK key to return to the previous menu, or press the END key to return to standby mode.

Melody Shuffle

1. In standby mode, press the **MENU** key (MENU OK), then press 6 mno (for **Multimedia**) and 8 tuv for **Shuffle**. The following options appear in the display:
   - **Image Shuffle** — When set to **On**, presents a random slide show of a set of specified pictures as **Wallpaper** in standby mode.
   - **Melody Shuffle** — When set to **On**, plays one of a set of specified ringtones and/or sound files, selected randomly, as the ringer for incoming calls.

   Use the navigation keys to highlight **Melody Shuffle** and press the MENU OK key. The **Melody Shuffle** screen appears in the display, showing the message "**No melody shuffle**".
2. To select sound files for the Melody Shuffle, do the following:

- Press the **Add** (left) soft key ( ). The following options appear in the display:
  - **My Ringtones**
  - **My Sounds**

Use the navigation keys to highlight either option, then press the MENU OK key. A list of sound files appears in the display.

- Use the navigation keys to highlight a sound file, then press the MENU OK key. A check mark appears in the check box for the selected sound file.

Repeat this step for each sound file to be included in the Melody Shuffle.

- Press the **Done** (left) soft key ( ). You are prompted to save this entry. Press the **Yes** (left) soft key ( ) to save this entry.

The **Melody Shuffle** screen appears in the display showing a list of the selected sound files.

- Press the BACK key. You are returned to the **Shuffle** screen.

3. To activate the Melody Shuffle, use the navigation keys to highlight the **Melody Shuffle** option, then press the **Set As** (left) soft key ( ). The following options appear in the display:

- **On**
- **Off**

Use the navigation keys to highlight the **On** option and press the MENU OK key. "**Melody shuffle set**" appears in the display, then you are returned to the **Shuffle** screen.

4. Press the BACK key to return to the previous menu, or press the END key to return to standby mode.

Section 13: Tools

This section explains how to use your phone's digital assistant functionality to schedule events, set reminders, create a "to do" list, perform calculations, and more.

Tools Menu

Tools is a suite of Personal Information Management (PIM) applications such as a Calendar, To Do List, and Memo Pad that run on your phone. You can use your phone to schedule events, set reminders, create a to do list, perform calculations, and more with the functions provided by this useful feature.

Opening Tools Menu

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs for **Tools**. The following sub-menus appear in the display:
   - **Voice Service** — Lets you access voice recognition functions.
   - **Bluetooth** — Lets you access Bluetooth functions.
   - **Calendar** — Lets you view the current, past, or future month in a monthly calendar layout.
   - **Memo Pad** — Lets you store and review useful information.
   - **Alarm Clock** — Lets you set an alarm to go off once, or daily, at a specified time.
   - **World Time** — Lets you view the current time of day or night in another part of the world.
   - **Calculator** — Lets you perform calculations, including addition, subtraction, multiplication, and division.
   - **Stop Watch** — Lets you view the amount of time.
   - **Converter** — Lets you convert currencies (according to the latest rates) and weights, measures, and temperatures from one system or increment to another.
   - **Tip Calculator** — Lets you quickly calculate service gratuities with a minimum of keypresses.
2. Use the navigation keys to highlight an application, then press the MENU OK key.

   The following sections provide detailed descriptions of the applications and how to use their functions.

Voice Service

VoiceSignal is state-of-the-art voice recognition software for your mobile phone that lets you dial numbers, lookup contact information, and open applications using your voice. To access your phone's voice settings, do the following:

1. In standby mode, press the **MENU** key (MENU OK), then press

7 for **Tools**), and 1 for **Voice Service**. The following options appear in the display:

- **Voice Commands**—Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. For more information, refer to *"Making a Call — Voice Dialing"* on page 23. Also see *"Voice Method"* on page 41.
- **Voice Settings**—Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences.

2. Use the navigation keys to highlight the desired sub-menu, then press MENU OK.

Voice Commands

To start VoiceSignal, do the following:

▶ In standby mode, press and hold the 0 key. "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.

Note: You can also access VoiceSignal by pressing 7 for Tools, 1 for Voice Service, and 1 for Voice Commands.

Note: You can also set your phone to start VoiceSignal when you open the phone. For more information, refer to *"Voice Launch"* on page 107.

VoiceSignal includes the following commands:

- **Call** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (For more information, refer to *"Making a Call — Voice Dialing"* on page 23.)
- **Send Text** — Lets you launch the Create Text Msg screen. (For more information, refer to *"Creating and Sending a Text Message"* on page 52.)
- **Send Picture** — Lets you launch the Create Pic Msg screen. (For more information, refer to *"Creating and Sending a Picture Message"* on page 53.)
- **Lookup** — Lets you look up and display contact information for any name stored in your Contacts list by saying the name. (For more information, refer to *"Finding a Contacts Entry"* on page 41.)
- **Go to** — Lets you access the Voice Memo, Calendar, and Contacts List features of your phone. (For more information, refer to *"Voice Memo"* on page 98. Also see *"Calendar"* on page 109. Also see *"Your Contacts List"* on page 38.)
- **Check** — Lets you check your phone's status (that is, network coverage, signal strength, and battery in the same report), network coverage, signal strength, battery, and phone number.

Note: Speaking clearly, say the command that you want to use. If, after a few seconds, the device has not recognized a command, it prompts you to repeat the command. If, after a few more seconds, it still has not recognized a command, it tells you "Sorry, no match found," and cancels voice recognition.

Voice Command Tips:

Make sure you wait for the beep before speaking.

Speak clearly at a normal volume, as if you were talking on the phone.

Voice-Activating Your Contacts List

When you first start VoiceSignal, it reads your Contacts list and voice-activates all the names stored there. When you have add or change contacts, VoiceSignal automatically reloads and voice-activates the entire list.

Ending Calls Before Restarting the VoiceSignal Software

When you use VoiceSignal to make a call, you must end that call before you can use VoiceSignal again.

Voice Settings

Choice Lists

VoiceSignal uses choice lists when it is not confident it has correctly recognized a name or number. In this case, it can display a list of up to three possible choices, and prompt you to confirm the correct one.

You can change the way that VoiceSignal uses choice lists with name dialing, digit dialing, and contacts. For each feature, you can choose to always see a choice list (even if there is only one choice), or never see a choice list (even if there are multiple choices). If you leave the setting at "Automatic," VoiceSignal displays a choice list only when it is not confident it has correctly recognized the name or number.

To change the way VoiceSignal uses choice lists:

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 1 for **Choice Lists** the following options appear in the display:
   - **Automatic**—VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
   - **Always On**—VoiceSignal always displays a choice list, even when there is only one choice.
   - **Always Off**—VoiceSignal never displays a choice list.

   Use the navigation keys to highlight the Choice List behavior you prefer, then press the MENU OK key to accept the new setting.

Sensitivity

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 1 @ (for **Voice Service**), 2 abc (for **Voice Settings**), and 2 abc for **Sensitivity**. The Sensitivity screen appears in the display.
2. Use the navigation keys to adjust the selected Sensitivity setting to **Reject More** spoken commands or names or to **Reject Less** spoken commands or names.
3. Press the MENU OK key to accept the new setting.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognizing the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 1 @ (for **Voice Service**), 2 abc (for **Voice Settings**), and 3 def for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Adapt Digits**, then press the MENU OK key.

3. Press the **OK** (left) soft key ( ). Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
4. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "Did the recording sound ok?"
   - If the recording was good, say "**Yes**."
   - If you need to re-record, say "**No**."

     If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

     Repeat this step until you're satisfied with the recording.
5. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.
6. After six sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."
7. Repeat steps 4 and 5 for another six sets of digits. After the second group of six sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Adapt Digits** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. In standby mode, press the **MENU** key ( ), then press 7 pqrs (for **Tools**), 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 3 def for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Reset Digits**, then press the key. The phone prompts you to confirm digit adaptation rest.

   Press the **OK** (left) soft key ( ) to reset your digit adaptation, or press the **Back** (right) soft key ( ) to cancel and retain your digit adaptation.
3. Press the key to save and exit.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 1 @ (for **Voice Service**), 2 abc (for **Voice Settings**), and 4 ghi for **Sound**. The following options appear in the display:
   - **Prompts** — Turns audio prompts. on or off.
   - **Digits** — Turns audio digit playback on or off.
   - **Names** — Turns audio name playback on or off
   - **Name Settings** — Lets you adjust the speed and volume of your phone's audio name playback.
2. Use the navigation keys to highlight the desired setting.
3. Press the MENU OK key to accept the new setting.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 1 @ (for **Voice Service**), 2 abc (for **Voice Settings**), and 5 jkl for **Voice Launch**. The following options appear in the display:
   - **Key Only** — Press and hold 0 to activate VoiceSignal for one call.
   - **Key / EarMic** — Attach a headset to your phone. Press and hold 0 to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by pushing the button on the headset. Press END to release VoiceSignal.
   - **Key / Flip** — Press the 0 key to activate VoiceSignal for repeated calls. Open and close the flip to make and end calls using VoiceSignal. Press END to release VoiceSignal.
2. Use the navigation keys to highlight the option you want, then press the MENU OK key to save and exit.

About VoiceSignal

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

▶ In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 1 @ (for **Voice Service**), 2 abc (for **Voice Settings**), and 6 mno for **About**.

The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

Add New Device

To search for available Bluetooth devices:

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 2 abc for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**
2. Highlight **Add New Device** and press the MENU OK key.

   If Bluetooth is off, you are prompted to “Turn Bluetooth power on?”. Press the **Yes** (left) soft key ( ) to turn Bluetooth on. Press the **No** (right) soft key ( ) to leave Bluetooth off.

   “Place device you are connecting to in discoverable” appears in the display.
3. Place the Bluetooth device in discoverable mode. (See the device user manual for more information.)
4. Press the MENU OK key. Names of the available devices appears in the display.
5. Use the navigation keys to highlight the device you want to pair with your phone.
6. Press the **PAIR** key (MENU OK) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.

Note: When pairing you phone with another Bluetooth device other than a headset or headphones, the same passkey or PIN must be entered on both devices (when prompted) for the pairing to succeed.

7. Enter the device passkey or PIN and press the MENU OK key.

Registered List

This menu provides a list of Bluetooth wireless technology devices discovered by your handset.

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 2 abc for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**
2. Highlight **Registered List** and press the MENU OK key.

Connecting to a Bluetooth Device

From the Device list,

1. Highlight the device and press the MENU OK key.
2. If you are unable to pair with the device a popup appears in the display. Press the Yes soft key to retry.

Bluetooth Settings

Enable/Disable

Selecting this option turns Bluetooth on or off.

Discovery Mode

Allows other users to see your accessibility. Select On for other devices to see your device, or **Off** for no visibility.

Device Name

Shows the handset name. You may change this name enter the text and press the MENU OK key.

Supported Profiles

Lists and explains the Bluetooth profiles your phone supports.

Device Info

Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

Calendar lets you view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 3 def for **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Use the navigation keys to move around within the calendar.
   - Press the **Add** (left) soft key ( ) to add an event to the highlighted date.
   - Press the MENU OK key to open the highlighted date.
   - Press the Volume Up key ( ) to view previous months.
   - Press the Volume Down key ( ) to view future months.
   - Press the navigation keys to move to an individual day, one day or one week at a time.
   - Press the **Options** (right) soft key ( ) while viewing the calendar. The following options appear in the display:
     - **Go to Date** — Lets you jump to any date you specify.
     - **Go to Today** — Lets you jump to today's date.
     - **Erase Old** — Lets you erase past events.
     - **Erase All** — Lets you erase all events.
   - Use the navigation keys to highlight the desired option, then press the MENU OK key to select the highlighted option and perform the related process.

Add a New Event

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 3 def for **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year also appear.
2. Use the navigation keys to highlight the date of the new event.
3. Press the **Add** (left) soft key ( ). The **New Event** screen appears in the display.
4. Use the navigation keys and the keypad to select and enter details of the event. (For more information, refer to *"Entering Text"* on page 34.)
5. Enter the Start and End dates and times for the event using the keypad. Enter the dates and times for the event using 2 digits for day, month, hour, and minute entries. Use 4 digits for year entries.
6. Use the Left and Right navigation keys to change between AM and PM, or press 2 abc for **AM** or press 7 pqrs for **PM**.
7. Use the Up and Down navigation keys to highlight the **Recurrence** field. Use the Left and Right navigation keys to select the frequency (**Once**, **Daily**, **Weekly**, **Monthly**, or **Yearly**).

8. When you're finished entering the dates and times, use the Up and Down navigation keys to highlight the **Alert** field. Use the Left and Right navigation keys to select a type of alert.
9. Use the Up and Down navigation keys to highlight the **Reminder** field. Use the Left and Right navigation keys to select the Reminder off or to select a reminder interval (**Once**, **Every 2 Minutes**, **Every 15 Minutes**, or **Off**).
10. Use the Up and Down navigation keys to highlight the **Alert time** field. Use the Left and Right navigation keys to select the amount of time (**On Time**, **5 Min. Before**, **10 Min. Before**, **15 Min. Before**, **30 Min. Before**, **1 Hour Before**, **3 Hour Before**, **5 Hour Before**, or **1 Day Before**) before the event occurs that you wish to be notified by an alert.
11. Press the MENU OK key to store the event in your calendar. If you set a notification alert, an alert will notify you prior to the event.

Memo Pad

You can create notes and store them in Memo Pad. However, you cannot prioritize or set an alert for stored notes. Return to Memo Pad anytime you wish to review and edit your notes.

Add a Memo

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 4 ghi for **Memo Pad**.
2. If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad, "No Memos"** appears in the display. Press the **Add** (left) soft key ( ) to add a new memo.
3. Enter a memo using the keypad. (For more information, refer to *"Entering Text"* on page 34.)
4. When you're finished entering details for the memo, press the MENU OK key. The memo is saved.

View, Edit, and Erase Memos

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 4 ghi for **Memo Pad**.
2. Use the navigation keys to highlight a memo.
3. To view the memo, press the **VIEW** key (MENU OK).
4. To edit the memo you are viewing, press the **Edit** (left) soft key ( ).

   Edit the memo using the keypad. (For more information, refer to *"Entering Text"* on page 34.)

5. To erase the memo you are viewing, press the **Options** (right) soft key ( ), then select the Erase option.

   You are prompted to verify the erasure. Press the **Yes** (left) soft key ( ) to erase the memo. Press the **No** (right) soft key ( ) to keep the memo.

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.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

1. In standby mode, press the **MENU** key ( ), then press 7 pqrs (for **Tools**) and 5 jkl for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight an Alarm selection, then press the MENU OK key. A Set Alarm screen appears in the display containing the following options:
   - **Alarm** — Turns the alarm Off or On.
   - **Time** — Use the numeric keys to enter the time, and use the Left and Right navigation keys to select AM or PM.
   - **Repeat** — Lets you repeat the alarm Daily, Mon – Fri, Weekends, or Once.
   - **Ringer** — Lets you set the alarm ringer to a Tone or to Vibrate, and lets you select a particular Tone.

     Use the Up and Down navigation keys to select options, and use the Left and Right navigation keys to select values for the options.

     Use the keypad to enter the time for the alarm.
3. Press the MENU OK key when you're finished entering the time for the alarm. The alarm is set and the alarm icon ( ) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display with the options **Snooze** or **Dismiss**, and an alert sounds when the specified time for the alarm arrives.

▶ Use the navigation keys to highlight **Dismiss**, then press the MENU OK key to silence the alarm.

- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Mon.-Fri. alarm, the alarm icon remains in the top of the display.

- If the alarm was set as a Weekends only alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Disabling Alarms

Turn Off the Alarm

Turning an Alarm to Off allows you to retain the current settings for later reuse.

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 5 jkl for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight an active Alarm selection, then press the MENU OK key.
3. The **Alarm** option is highlighted, use the Left and Right navigation keys to select **Off**, then press the MENU OK key. Select alarm is turned off.

Reset the Alarm(s)

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 5 jkl for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight an active Alarm selection.
3. Press the **Options** (right) soft key (−). The following options pop-up in the display:
   - **On / Off** — Enables/disables the highlighted Alarm using the current settings.
   - **Reset Alarm** — Disables the highlighted Alarm and resets its settings to default values.
   - **Reset All** — Disables all Alarm and resets all of their settings to default values.
4. Use the navigation keys to highlight the desired option, then press the MENU OK key.

World Time

World Time lets you view the time of day or night in another part of the world. World Time displays time in any of 45 different cities and/or time zones around the world.

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 6 mno for **World Time**. A world map appears in the display.
2. Use the Left and Right navigation keys to display the time zone and city that you wish to view. The following time zones/cities are supported:

EST/EDT: Detroit WashingtonD.C New York Montreal Boston	Caracas	Brasilia	Mid Atlantic
Cape Verde	London	Paris	Rome
Berlin	Athens	Helsinki	Jerusalem
Moscow	Baku	Abu Dhabi	Tashkent
Alma-Ata	Bangkok	Jakarta	Hong Kong
Beijing	Seoul	Tokyo	Guam
Sydney	Okhotsk	Wellington	Samoa
Midway	HAST/HADT: Honolulu Hawaii	AKST/AKDT: Alaska	PST/PDT: Seattle San Francisco Los Angeles
• MST/MDT: Denver Arizona	• CST/CDT: Dallas Chicago Houston Mexico City	•	•

3. Press the **Options** (right) soft key (−) select to display (**DST On**) or not display (**DST Off)** Daylight Savings Time (DST) for the selected time zone.
4. Do one of the following:
   - Press the MENU OK key to set the selected time zone as the home time zone for your phone.
   - Press the BACK key to return to the Tools menu.

Calculator

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

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**) and 7 pqrs for **Calculator**. The **Calculator** appears in the display.
2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).
   - Press * to enter a decimal point. (Calculator only accepts 2 digits after a decimal point.)
   - Press # to change the sign for a number to a negative.
3. Use the navigation keys to set the type of calculation that you wish to perform. Your choices are as follows:
   - **Up** navigation key — [x] Multiplication
   - **Left** navigation key — [-] Subtraction
   - **OK** key — [=] Equals/Total
   - **Right** navigation key — [+] Addition
   - **Down** navigation key — [÷] Division
4. Use the keypad to enter the second number into your equation.

   For additional equation entry options, press the **Operator** (right) soft key (–). The following options appear in the display:

   - **(** — Beginning of nested equation
   - **)** — End of nested equation
   - **Power** — Raise the entered number to a power
5. Press the MENU OK key to perform the calculation and view the result.

   To perform another calculation, press the **Clear** (left) soft key (–).

Stop Watch

You can use this menu to set a stop watch.

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), and 8 tuv for **Stop Watch**.
2. Press the MENU OK key to start, stop, and resume the stopwatch count.
3. Press the **Record** (left) soft key (–) at the start of each succeeding event/lap to record the completion time for the previous event/lap.

4. Press the **Reset** (right) soft key ( ) to erase all stop watch (lap) times recorded.

Converter

The conversion menu provides the following conversion categories:

- **Currency**
- **Length**
- **Weight**
- **Volume**
- **Area**
- **Temperature**

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. In standby mode, press the **MENU** key ( ), then press 7 pqrs (for **Tools**), and 9 wxyz for **Converter**.
2. Use the navigation keys to highlight the conversion feature you wish to use, then press the MENU OK key.
3. Use the navigation keys to select the units to be converted From and To.
4. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

Note: To include a decimal point, press the * + key.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. In standby mode, press the **MENU** key ( ), then press 7 pqrs (for **Tools**), 9 wxyz (for **Converter**), and 1 for **Currency**.
2. Use the navigation keys to select the currency to be converted **From**.
3. Press the **Rate** (left) soft key ( ). The **Exchange Rate** list for the **From** currency appears in the display.
4. Press the MENU OK key to edit the exchange rate.
5. Use the Up and Down navigation keys to highlight the currency to be converted To, then change the current exchange rate.
6. Press the MENU OK key to save the changed exchange rate.
7. Press the BACK key to return to the Currency Converter screen.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 9 wxyz (for **Converter**), and 1 for **Currency**.
2. Press the **Rate** (left) soft key ( ). The **Exchange Rate** list for the **From** currency appears in the display.
3. Press the **Add** (left) soft key ( ). The **Add Exchange Rate** screen appears in the display with the **Base** field highlighted.
4. Use the Left and Right navigation keys to select the **Base** currency to be converted from.
5. Press the Down navigation key to highlight the **Currency** field.
6. Enter an identifier of up to 5 characters for the new currency using the keypad. (For more information, refer to *"Entering Text"* on page 34.)
7. Press the Down navigation key to highlight the **Exchange Rate** field.
8. Enter a decimal exchange rate for the new currency using the keypad.

Note: Press the * key to enter the decimal point. The Exchange Rate field only accepts two digits after the decimal point.

---

9. Press the MENU OK key to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. In standby mode, press the **MENU** key (MENU OK), then press 7 pqrs (for **Tools**), 9 wxyz (for **Converter**), and 1 for **Currency**.
2. Press the **Rate** (left) soft key ( ). The **Exchange Rate** list for the **From** currency appears in the display.
3. Use the Up and Down navigation keys to highlight the currency exchange rate to be erased.

4. Press the **Erase** (right) soft key ( ). You are prompted to confirm the erasure.
5. Press the **Yes** (left) soft key ( ) to erase the selected exchange rate or press the **No** (right) soft key ( ) to return to the Exchange Rate list.

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. In standby mode, press the **MENU** key ( ), then press 7 pqrs (for **Tools**) and (0) for **Tip Calculator**. The Tip Calculator screen appears in the display with the **Bill** field highlighted.
2. Use the keypad to enter the total amount of the bill.
3. If needed, press the Down navigation key to highlight the **Tip** field.
4. Use the keypad to enter a tip percentage.
5. If needed, press the Down navigation key to highlight the **# Paying** field.
6. Use the keypad to enter the number of persons paying.
7. The amount of the Tip, the bill Total, and the amount Each person should pay appear in the lower half of the screen.

Section 14: Changing Your Settings

This section explains how to customize your phone to suit your needs and preferences.

Location

This function identifies your location to the network via the Global Positioning System (GPS). You can set this function for continuous operation or to operate only in the event that you dial 911.

Note: Contact your Wireless Provider to determine whether, when, or where location-based services are available.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), and 1 @ for **Location**.

   The following options appear in the display:

   - **Location On** — GPS location setting is on whenever you make or receive a call, wherever the feature is available.
   - **911 Only** — GPS location setting is on only when you dial 911.
2. Use the navigation keys to highlight the option you want.
3. Press the MENU OK key to select the desired Location setting.

   You're returned to the **Settings** menu.

Display Settings

Using the Display menu, you can set the menu style, set the standby mode animation, customize the backlight settings, and more.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), and 2 abc for **Display Settings**. The following options appear in the display:

   - **Menu Style** — Lets you choose whether the Main Menu appears as a matrix of icons or as a list of menus.
   - **Wallpaper** — Lets you choose the picture(s) that display(s) on your phone when in standby mode.
   - **Clock Format** — Lets you choose whether to show the time in the display in digital or analog format.
   - **Theme** — Lets you select the main menu color scheme.
   - **Dialing Font** — Lets you choose how the number will display on the display screen.
   - **Banner** — Lets you create your own personalized greeting that appears in the display when your phone is in standby mode.
   - **Backlight** — Lets you set backlight options for the LCDs, keypad, and set the brightness.
2. Use the navigation keys to highlight a sub-menu.

3. Press the MENU OK key to enter the highlighted sub-menu. The following sections describe the above listed display sub-menus in greater detail.

Menu Style

Menu Style allows you to choose how main menus appear in your display.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and 1 for **Menu Style**. The following options appear in the display:
   - **Icon** — Display main menus as icons.
   - **List** — Display main menus in a list format.
2. Use the Up and Down navigation keys to highlight the option you want.
3. Press the MENU OK key to select the highlighted option.

Wallpaper

Wallpaper lets you choose the pictures that appear in your phone's display while in standby mode.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and 2 abc for **Wallpaper**.

   The following options appear in the display:
   - **Main Screen**
   - **Front Screen**
   - **Buy wallpaper**
2. Use the navigation keys to highlight the sub-menu that you wish to enter, then press the MENU OK key.

   The following options appear in the display:
   - **My Images** — Choose a picture to appear in the display when the phone is in standby mode.
   - **My Videos** — Choose a video to appear in the display when the phone is in standby mode.
   - **Preset Images** — Choose a preset image to appear in the display when the phone is in standby mode.
   - **Image Shuffle** — Lets you enable or disable a set of selected pictures and/or preset images that appear in random order in your display when the phone is in standby mode. (For more information, refer to *"Shuffle"* on page 99.
3. Use the navigation keys to highlight the sub-menu that you wish to enter, then press the MENU OK key.
   - For **My Images**, **Preset Images**, and **My Videos** up to nine pictures, images, or videos appears in the display.
     – Use the navigation keys to highlight a picture, image, or video.

– Press the MENU OK key to set the highlighted picture, image, or video to display when the phone is in standby mode.

- For **Image Shuffle**, the following options appear in the display:
  - **On** — Overrides the **My Images** or **Preset Images** setting and enables random display of the Shuffle pictures and/or images.
  - **Off** — Disables random display of the Shuffle pictures and/or images and restores the **My Images** or **Preset Images** setting.

Use the navigation keys to select the desired option, then press the MENU OK key.

Clock Format

Clock Format lets you choose whether to show the time in the display in digital or analog format. You can set both the Main Clock and the Front Clock.

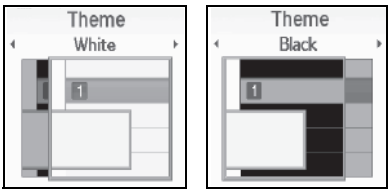
1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and 3 def for **Clock Format**.
   - To change the setting for the Main Clock, press 1.
   - To change the setting for the Front Clock, press 2 abc.

   The following options appear in the display:
   - **Digital** — Large numerical time and date display
   - **Analog** — 12-hour clock face with moving hour and minute hands
   - **Off** — Default small digital time and date display
2. Use the Navigation key to highlight the desired setting, then press the MENU OK key to save the setting.

Theme

Theme lets you select the color scheme your phone uses to highlight menu items and scroll bar positions.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and 4 ghi for **Theme**. The following options appear in the display:



2. Use the Navigation key to highlight the desired setting, then press the MENU OK key to save the setting.

Dialing Font

Dialing Font adjusts the color of display.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and

5 jkl for **Dialing Font**. The following options appear in the display:

- **Style** — Sets font (Normal, Quill Pen, Sticky, or Color Dial) used to show dialed numbers.
- **Size** — Sets size (Enable Zoom-out or Disable Zoom-out) of the Style font used to show dialed numbers.

2. Use the Navigation key to highlight the desired option and setting, then press the MENU OK key to save the setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and 6 mno for **Banner**. The **Banner** text entry screen appears in the display.

Note: If necessary, press and hold the BACK key to erase an existing banner.

2. Enter a word or short phrase (up to 12 characters) to appear in your phone's display while in standby mode. (For more information, refer to *"Entering Text"* on page 34.)
3. Press the MENU OK key to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on or off or to remain on for a specified period of time.

Note: Prolonged backlight use drains your battery faster.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 2 abc (for **Display Settings**), and 7 pqrs for **Backlight**. The following sub-menus appear in the display:
   - **Main Display** — Sets the amount of time the main display backlight remains on with the phone idle. Optional settings are 7, 15, and 30 Seconds and Always On (this setting uses much more power than the timed settings) and Always Off.
   - **Keypad** — Sets the amount of time the main display backlight remains on with the phone idle. Optional settings are 7, 15, and 30 Seconds and Always On (this setting uses much more power than the timed settings) and Always Off.
   - **Brightness** — Use the Left and Right soft keys to select between any of 5 optional settings.
2. Use the navigation keys to highlight an option.
3. Press the MENU OK key to enter the highlighted option's sub-menu and to save changed settings as desired.

Sounds Settings

The Sounds Settings menu provides a variety of options to customize audio properties for such things as ringers, keypad tones alerts, and more.

Volume

Use the Volume sub-menu to set the default volume for incoming calls and alarms, or set the phone to vibrate.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 3 def (for **Sounds Settings**), and 1 for **Volume**. The following options appear in the display:
   - **Voice Calls** — Lets you set the volume and/or vibration for the incoming calls ringer.
   - **Messages** — Lets you set the volume and/or vibration for the incoming messages ringer.
   - **Alarms** — Lets you set the volume and/or vibration for the alarm ringer.
2. Use the navigation keys to highlight an option, then press the MENU OK key.
3. Use the Up and Down volume keys on the left side of the phone (or the Left and Right navigation keys) to select the volume level (or vibrate mode) for the selected setting.
4. Press the MENU OK key to save the setting.

Ringer Type

You can assign ringer types and melody tones for calls, alarms, and other alerts, in the Ringer Type sub-menu.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 3 def (for **Sounds Settings**), and 2 abc for **Ringer Type**. The following options appear in the display:
   - **Voice Calls** — Lets you set which ringtone, sound file, and/or one of a set of ringtones and/or sound files plays when you receive a voice call.
   - **Messages** — Lets you set which ringtone or sound file plays when you receive a Text Message, Picture/Video Message, and/or Voicemail message.
   - **Buy a ringtone** — Connects you with the network and lets you buy a ringtone.
2. Use the navigation keys to highlight the desired sub-menu, then press the MENU OK key.
   - For **Voice Calls**, the following options appear in the display:
     - **My Ringtones**
     - **My Sounds**
     - **Melody Shuffle**
   - For **Messages**, the following options appear in the display:
     - **Text Message**

– **Picture/Video Message**
– **Voicemail**

3. Use the navigation keys to highlight an option, then press the MENU OK key to enter the highlighted option's sub-menu.
4. Use the navigation keys to highlight a ringer, then press the MENU OK key to save changed settings as desired.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, as well as other options.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 3 def (for **Sounds Settings**), and 3 def for **Alerts**. The following Alerts sub-menus appear in the display:
   - **Minute Beep** — Sounds an alert ten seconds before each elapsed minute of a call.
   - **Roaming** — Sounds an alert when you leave your home service area during a call.
   - **Call Connect** — When you make a call, an alert sounds when the call is answered.
   - **Power On/Off** — Plays a melody when the phone is being turned on or off.

To set a Melody Alert or Vibrating Alert

2. Use the navigation keys to highlight a sub-menu, then press the MENU OK key.
3. Use the Up and Down navigation keys to highlight **On** or **Off**.
4. Press the MENU OK key to confirm your selection.

Key Tone

Key Tone lets you adjust the volume level and length of tone that the keypad generates each time you press a key.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 3 def (for **Sounds Settings**), and 4 ghi for **Key Tone**. The following options appear in the display:
   - **Tone Level** (volume)
   - **Tone Length**

   Tone Level is highlighted.
2. Press the MENU OK key to adjust the Key Tone volume.
   - Use the volume keys or navigation keys to set the keypad tones volume.
   - Press the MENU OK key when the desired key beep volume setting is reached. You are returned to the **Key Tone** sub-menu.

3. Use the navigation keys to highlight **Tone Length**, then press the MENU OK key.
   - Use the navigation keys to highlight **Normal** or **Long**.
   - Press the MENU OK key to save your setting. You are returned to the **Key Tone** sub-menu.

Vibrating Alert

Vibrating Alert lets you set your phone to vibrate in sync with ringtones and melodies your phone plays.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 3 def (for **Sounds Settings**), and 5 jkl for **Vibrating Alert**.
2. Use the Up and Down navigation keys to highlight **On** or **Off**.
3. Press the MENU OK key to confirm your selection.

Call Settings

Call Answer

You can select a specific answer mode when you receive an incoming call.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 1 for **Call Answer**. The **Call Answer** sub-menu with the following options appears in the display:
   - **Any Key** — Press any key except the END key or left soft key (–) to answer an incoming call.
   - **Talk Key** — Press TALK to answer an incoming call.
   - **Flip Open** — Open the flip or press TALK to answer an incoming call.

Tip: You can set your phone to answer calls automatically, without any input from you. (For more information, refer to *"Auto Answer"* on page 126.)

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

Call Alert

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 2 abc for **Call Alert**. The **Call Alert** sub-menu with the following options appears in the display:
   - **Ring Only** — Phone rings for an incoming call.
   - **Caller ID + Ring** — Phone rings and the display shows caller ID for an incoming call.
   - **Name Repeat** — Phone repeats displaying Contact name or caller ID.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. In standby mode, the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 3 def for **Auto Answer.** The following options appear in the display:
   - **Off** — Disables automatic answering of calls
   - **After 1 Second** — Phone automatically answers calls after 1 second
   - **After 3 Seconds** — Phone automatically answers calls after 3 seconds
   - **After 5 Seconds** — Phone automatically answers calls after 5 seconds
2. Use the navigation keys to highlight the desired setting, then press the MENU OK key.

Auto Retry

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

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 4 ghi for **Auto Retry**. The **Auto Retry** sub-menu with the following options appears in the display:
   - **Off** — Disables automatic redialing of numbers
   - **Every 10 Seconds** — Phone automatically redials a number every 10 seconds
   - **Every 30 Seconds** — Phone automatically redials a number every 30 seconds
   - **Every 60 Seconds** — Phone automatically redials a number every 60 seconds
2. Use the navigation keys to highlight the desired setting, then press the MENU OK key.

TTY Mode

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

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 5 jkl for **TTY Mode**. You are prompted to confirm you want to change the current TTY Mode setting.

Note: The "**Enabling TTY may impair headset use and non-TTY accessory performance**" message pops up when you select **TTY Mode**.

2. Press the **Yes** (left) soft key ( ) to access the TTY Mode options or press the **No** (right) soft key ( ) to return to the **Call Settings** sub-menu.
3. If you press the **Yes** (left) soft key ( ), the following options appear in the display:
   - **TTY Full** — Enables TTY mode and disables microphone and earpiece
   - **TTY + Talk (VCO)** — Enables TTY mode and microphone
   - **TTY + Hear (HCO)** — Enables TTY mode and earpiece
   - **TTY Off** — Disables TTY mode
4. Use the navigation keys to highlight your selection and press the MENU OK key to save your selection.

Note: The TTY icon ( ) appears in the top of the display when the phone is in standby mode.

Voice Privacy

Voice Privacy when enabled (that is, set to Enhanced), turns on advanced voice encryption.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 6 mno for **Voice Privacy.** The following options appear in the display:
   - **Standard** — Voice privacy is disabled
   - **Enhanced** — Voice privacy is enabled
2. Use the Up and Down navigation keys to highlight the Voice Privacy option of your choice, then press MENU OK. Your settings are saved.

Data Settings

Use the Data Settings menu to configure data connection settings.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 4 ghi (for **Call Settings**), and 7 pqrs for **Data Settings**.
2. The following options appear in the display:
   - **Data Off** — No incoming data calls accepted.
   - **Data For Next Call** — Wait for data call for the next 10 minutes.
   - **Data Until Powered Off** — Data calls only, no voice calls accepted, until you power the phone off and on again.
3. Use the Up and Down navigation keys to highlight the data setting of your choice, then press MENU OK. Your setting is saved.

Phone Settings

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from receiving or making calls (except emergency calls), but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 1 for **Airplane Mode**.The following options appear in the display:
   - **On** — Disables the radio transmitter and receiver in your phone
   - **Off** — Enables the radio transmitter and receiver in your phone
2. Use the Navigation key to highlight the desired option, then press the MENU OK key to save your setting.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 2 abc for **Language**. The following options appear in the display:
   - **English**
   - **Spanish**
2. Use the Navigation key to highlight your language preference, then press the MENU OK key.

Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, as well as other security options.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Press 1 for **Lock Phone**. The following Device Lock Mode options appear in the display:
   - **Lock** — Locks the phone immediately (The phone stays locked until you enter the lock code.)
   - **Unlock** — Unlocks the phone
   - **On Power Up** — The phone locks automatically the next time your phone is powered ON (The phone stays locked until you enter the lock code.)
3. Use the Navigation key to highlight the Device Lock Mode option of your choice.
4. Press the MENU OK key to perform the function for the highlighted option.

Change Lock Code

The default lock code for your phone is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Security**. You're prompted to enter the lock code.
2. Press 2 abc for **Change Lock Code**. You're prompted to enter the new lock code.
3. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
4. Enter the new lock code again. Your changes are stored.

Note: The default lock code is the last four digits of your telephone number.

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

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 48 digits in length. All emergency numbers can be manually called at any time, even when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.

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

Important!: Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed.

Therefore, emergency calling may not be available on all wireless networks at all times.

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

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

Store Emergency Numbers

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 3 def for **Emergency #**.
3. Press 1 @ oo, 2 abc, or 3 def to select from the three emergency number entries.
4. Enter an emergency number (up to 48 digits in length).
5. Press the MENU OK key to save the number that you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number.
2. Press the TALK key to place the call.

Reset Phone

Reset Phone returns all setup options to their factory default.

1. In standby mode, press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, the press 4 ghi for **Reset Phone**. A prompt appears in the display asking if you wish to restore default settings (except for the Contacts and Voice Dial).
3. Press the **Yes** (left) soft key ( ) to restore default settings or press the **No** (right) soft key ( ) to return to the Security sub-menu.

Erase All Contacts

Erase memory erases your Contacts and Group information (except Default). This feature is useful if you want to give your phone to someone else.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def

for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 5 jkl for **Erase All Contacts**. You are prompted to enter the lock code a second time.

Note: The default lock code is the last four digits of your telephone number.

3. You are prompted to confirm erasure of all Contacts.

Note: This procedure does not delete your Photo Gallery. The Photo Gallery needs to be deleted separately.

4. Press the Yes (left) soft key ( ) to erase all entries or press the No (right) soft key ( ) to return to the **Security** sub-menu.

Restrictions

Restrictions lets you restrict the use of your phone for outgoing calls, incoming calls, and calls placed from your Contacts.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 6 mno for **Restrictions**.
3. Use the navigation keys to highlight **Outgoing Calls** or **Incoming Calls**.
4. Press the MENU OK key. The following options appear in the display:
   - **Allow All** — No restriction on selected calls.
   - **Allow None** — Restrict (block) all selected calls.
   - **Allow Contacts** — Restrict selected calls from/to numbers not in your Contacts list.
5. Use the navigation keys to highlight On or Off, then press the MENU OK key.

Touch Key Lock

Touch Key Lock lets you lock the touch key pad.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 3 def for **Security**. You're prompted to enter the lock code.

Note: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 7 pqrs for **Touch Key Lock**. The following options appear in the display:
   - **2 Seconds**
   - **4 Seconds**
   - **8 Seconds**
   - **Off**
3. Use the navigation keys to highlight the desired option, then press the MENU OK key.

NAM Selection

The Network menu allows you to select **NAM** (Number Assignment Module) settings for your phone. You can store two **NAM** settings, which are essentially telephone numbers, for your phone.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 4 ghi for **NAM Selection**. The following options appear in the display:
   - **NAM1** — Your service contract has one phone line.
   - **NAM2** — Your service contract has two phone lines.
2. Use the navigation keys to highlight the desired option, then press the MENU OK key to save your setting.

The phone powers itself off and back on.

System Select

The System Select menu allows you to select the roaming setting for your phone.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 5 jkl for **System Select**. The following roaming options appear in the display:
   - **Home only** — Your phone is available for normal operation only within your designated coverage area.
   - **Automatic-A** — Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital "A" system is acquired.
   - **Automatic-B** — Your Wireless Provider's PRL is used to acquire service. If no preferred networks are found, any digital "B" system is acquired.
2. Use the navigation keys to highlight the desired roaming option, then press the MENU OK key to save your setting.

Set Time

Use the **Set Time** option to set the current date and time.

Note: In digital service mode, the Set Time feature is disabled. The network adjusts time and date automatically.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 6 mno for **Set Time**. The following options appear in the display:
   - **Set Date**
   - **Set Time**
2. Use the navigation keys to highlight the desired option, then press the MENU OK key.
   - For **Set Date**, the **Set Date** screen appears in the display.
     - Enter the current date using your keypad.
       The month and day must be entered using two digits each. The year must be entered using all four digits.
     - Press MENU OK to save your date setting.
   - For **Set Time**, the **Set Time** screen appears in the display.
     - Enter the current time using your keypad.
       The hour and minute must be entered using two digits each and in 12/24-hour format.
     - Use the Left and Right navigation keys to select **AM**, **PM**, or **24 Hours**.
     - Press MENU OK to save the your time setting.

Quick Search

Quick Search is an easy way to locate Menu items and Contacts.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 7 pqrs for **Quick Search**. The following options appear in the display:
   - **On** — Quick Search is enabled
   - **Off** — Quick Search is disabled
2. Use the navigation keys to highlight the desired Quick Search option, then press the MENU OK key to save your setting.

Searching for a Menu Item

1. In standby mode, press the first few numeric keys that correspond to the letters of the Menu item name.

   For example, to search for “Inbox” you would enter:

4 ghi	6 mno	2 abc	6 mno	9 wxyz
I	N	B	O	X

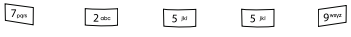
2. Press the Down navigation key. The Menu List screen appears in the display with the first menu item matching your entry highlighted.
3. Press the MENU OK key to access the content of the menu item.

Tip: If the menu item you are searching for does not appear in the **Menu List** screen, try expanding your search by pressing the BACK key to delete the last digit of your entry.

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the contacts name.

   For example, to search for "Sally" you would enter:

   S A L L Y

2. Press the Up navigation key. The Find screen appears in the display with the first contact name matching your entry highlighted.
3. Press the TALK key to call the contact.

PC Connection

PC Connection allows you to select how you want to connect your phone to your personal computer.

Tip: For more information on using PC Connection, contact your Wireless Provider.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 5 jkl (for **Phone Settings**), and 8 tuv for **PC Connection**. The following options appear in the display:
   - **USB Mass Storage** — Use your handset memory (external) as a Universal Serial Bus disk drive.
   - **USB Modem** — Use you handset as a wireless modem via a Universal Serial Bus connection.
   - **Bluetooth** — Enable a Bluetooth wireless connection.
   - **No Connection** — Disable PC Connection.
2. Use the Navigation key to highlight the desired PC Connection option, then press the MENU OK key to save your setting.

Memory Info

Memory Info lets you quickly and easily review and manage your phone memory usage. To access **Memory Info**, do the following:

▶ In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), and 6 mno for **Memory Info**. The following options appear in the display:

- **Save Options** — Lets you specify whether your images and videos will be stored in your phone or on an optional Memory Card.
- **Phone Memory** — Lets you review your phone's available memory and manage your files stored there.
- **Card Memory** — Lets you review a removable Memory Card's available memory, manage your files stored there, and format new Memory Cards.

Save Options

Lets you specify where you want your images and videos stored. To access **Save Options**, do the following:

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 6 mno (for **Memory Info**), and 1 for **Save Options**. The following file type options appear in the display:
   - **Images**
   - **Videos**
2. Use the Up and Down navigation keys to highlight the desired file type, then press the MENU OK key. The following storage options appear in the display:
   - **Phone Memory** — saves the selected type of files in your phone's memory.
   - **Card Memory** — saves the selected type of files in a removable microSD memory card.

Use the Up and Down navigation keys to highlight the desired storage location, then press the MENU OK key. "Save Options set" appears in the display, and you are returned to the **Save Options** menu.

Phone Memory

Lets you review your phone's available memory and manage your files stored there.

Memory Usage

Memory Usage lets you review your usage of your phone's memory.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 6 mno (for **Memory Info**), 2 abc (for **Phone Memory**), and 1 for **Memory Usage**. The Memory Usage screen appears in the display showing the following information:
   - **Total Used** memory usage
   - **Available** unused memory
   - **My Images** memory usage
   - **My Videos** memory usage
   - **My Ringtones** memory usage
   - **My Sounds** memory usage
   - **Applications** memory usage

- **Pic/Video Msg** memory usage

2. Press the MENU OK key to return to the **Phone Memory** menu.

Freeing Memory

Phone Memory sub-menus let you list files in your multimedia folders and let you erase or move files as needed to free up memory on your phone for reuse.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 6 mno (for **Memory Info**), 2 abc for **Phone Memory**. The Phone Memory screen appears in the display listing the following options:
   - **Memory Usage**
   - **My Images**
   - **My Videos**
   - **My Ringtones**
   - **My Sounds**
2. Use the Up and Down navigation keys to highlight the **My Images / Videos / Ringtones / Sounds** sub-menu, then press the MENU OK key. A list of all files in the related folder appears in the display.

   Files are listed by name, and each file entry shows the name and size of each file.
3. To erase files, do the following:
   - Press the **Options** (right) soft key ([-]). The following options appear in the display:
     - **Erase**
     - **Move**
   - Use the Up and Down navigation keys to highlight Erase, then press the MENU OK key.
   - Use the Up and Down navigation keys to highlight a file you want to erase, then press the MENU OK key to mark the file for erasure. (Press the **Mark All** (right) soft key ([-]) to mark all files for erasure.)
   - Press the **Done** (left) soft key ([-]). You are prompted to confirm erasure of the selected file(s).
   - Press the **Yes** (left) soft key ([-]) to erase all marked files or press the No (right) soft key ([-]) to return to the **Erase** screen.
4. To move files to the Memory Card, do the following:
   - Press the **Options** (right) soft key ([-]). The following options appear in the display:
     - **Erase**
     - **Move**
   - Use the Up and Down navigation keys to highlight **Move**, then press the MENU OK key.
   - Use the Up and Down navigation keys to highlight a file you want to move, then press the MENU OK key to mark the file for moving. (Press the **Mark All** (right) soft key (**v**) to mark all files for moving.)

- Press the **Done** (left) soft key ( ). You are prompted to confirm moving the selected file(s) to the Memory Card.
- Press the **Yes** (left) soft key ( ) to move all marked files or press the No (right) soft key ( ) to return to the **Move** screen.

5. Press the BACK key to return to the **My Images / Videos / Ringtones / Sounds** sub-menu. Press the END key to return to standby mode.

Card Memory

Card Memory lets you review a removable, microSD Memory Card's available memory, manage your files stored there, and format new microSD Memory Cards.

Memory Usage

Memory Usage lets you review your usage of your Memory Card.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 6 mno (for **Memory Info**), 3 def (for **Card Memory**), and 1 for Memory Usage. The Memory Usage screen appears in the display showing the following information:
   - **Total Used** memory usage
   - **Available** unused memory
   - **My Images** memory usage
   - **My Videos** memory usage
   - **My Music** memory usage
2. Press the MENU OK key to return to the **Card Memory** menu.

Freeing Memory

Card Memory sub-menus let you list files in your multimedia folders and let you erase or move files as needed to free up space on your Memory Card for reuse.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 6 mno (for **Memory Info**), 3 def for **Card Memory**. The Card Memory screen appears in the display listing the following options:
   - **Memory Usage**
   - **My Images**
   - **My Videos**
   - **My Music**
   - **Format Card**
2. Use the Up and Down navigation keys to highlight the **My Images / Videos / Music / Format Card** sub-menu, then press the MENU OK key. A list of all files in the related folder appears in the display.

Files are listed by name, and each file entry shows the name and size of each file.

3. To erase Image and Video files, do the following:
   - Press the **Options** (right) soft key ( ). The following options appear in the display:
     - **Erase**
     - **Move**
   - Use the Up and Down navigation keys to highlight Erase, then press the MENU OK key.
   - Use the Up and Down navigation keys to highlight a file you want to erase, then press the key to mark the file for erasure. (Press the **Mark All** (right) soft key ( ) to mark all files for erasure.)
   - Press the **Done** (left) soft key ( ). You are prompted to confirm erasure of the selected file(s).
   - Press the **Yes** (left) soft key ( ) to erase all marked files or press the No (right) soft key ( ) to return to the Erase screen.
4. To erase Music files, do the following:
   - Press the **Erase** (right) soft key ( ).
   - Use the Up and Down navigation keys to highlight a Music file you want to erase, then press the MENU OK key to mark the file for erasure. (Press the **Mark All** (right) soft key ( ) to mark all Music files for erasure.)
   - Press the **Done** (left) soft key ( ). You are prompted to confirm erasure of the selected file(s).
   - Press the **Yes** (left) soft key ( ) to erase all marked files or press the **No** (right) soft key ( ) to return to the Erase screen.
5. To move image and video files to the phone, do the following:
   - Press the **Options** (right) soft key ( ). The following options appear in the display:
     - **Erase**
     - **Move**
   - Use the Up and Down navigation keys to highlight **Move**, then press the MENU OK key.
   - Use the Up and Down navigation keys to highlight a file you want to move, then press the key to mark the file for moving. (Press the **Mark All** (right) soft key ( ) to mark all files for moving.)
   - Press the **Done** (left) soft key ( ). You are prompted to confirm moving the selected file(s) to the phone.
   - Press the **Yes** (left) soft key ( ) to move all marked files or press the **No** (right) soft key ( ) to return to the **Move** screen.
6. Press the BACK key to return to the **My Images / Videos / Music / Format Card** sub-menu. Press the END key to return to standby mode.

Formatting a Memory Card

Formatting a microSD Memory Card erases any data currently on the card and creates multimedia directories compatible with your phone. To format a Memory Card, do the following:

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), 6 mno (for **Memory Info**), 3 def (for **Card Memory**), and 5 jkl for **Format Card**. You are prompted to confirm formatting of the Memory Card.
2. Press the **Yes** (left) soft key ( ) to format the Memory Card or press the **No** (right) soft key ( ) to return to the **Card Memory** screen.

Software Update

Software Update lets you update your phone's software by downloading and installing improved software elements from your wireless provider's network.

1. In standby mode, press the **MENU** key (MENU OK), then press 8 tuv (for **Settings**), and 7 pqrs for **Software Update**. The following option appears in the display:
   - **Check for Update** — Checks your Wireless Provider's server for software updates for your phone.
2. Press the MENU OK key. You are prompted to confirm the software update check.
3. Press the **Yes** (right) soft key ( ) to proceed with the software update check. "**Session in Progress.**" appears in the display.

   Press the **No** (left) soft key ( ) to cancel the software update check.
4. When the software update check is complete and there are no updates found, your phone returns to standby mode.

Section 15: Phone Info

This section explains Phone Info options that let you identify the hardware and software versions of your phone and let you identify the phone number assigned to your phone.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by your Wireless Provider.

1. In standby mode, press the **MENU** key (MENU OK), then press 9 wxyz (for **Phone Info**) and 1 for **Phone Number**. The phone number assigned by your Wireless Provider appears in the display.
2. Press MENU OK to return to the **Phone Info** menu.

Icon Glossary

This option causes the ICON GLOSSARY list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. In standby mode, press the **MENU** key (MENU OK), then press 9 wxyz (for **Phone Info)** and 2 abc for **Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.
2. Press MENU OK to return to the **Phone Info** menu.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press the **MENU** key (MENU OK), then press 9 wxyz (for **Phone Info**) and 3 def for **Version**.

   Your phone's hardware and software version information appears in the display.
2. Press MENU OK to return to the **Phone Info** menu.

Section 16: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

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

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- CDMA:
  - Head: 0.887 W/Kg.
  - Body-worn: 0.808 W/Kg.
- PCS:
  - Head: 0.78 W/Kg.
  - Body-worn: 0.7 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://www.samsung.com/us/consumer/type/type.do?group=mobilephones&type=mobilephones for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

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 NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS

INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called “cell,” “mobile,” or “PCS” phones. These types of wireless phones can expose the user to measurable radio frequency 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 telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

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, 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 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 the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

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

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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 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.

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 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.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

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 in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested

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.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO): http://www.who.int/peh-emf/
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- National Radiation Protection Board (UK): http://www.hpa.org.uk/radiation
- US Food and Drug Administration http://www.fda.gov/cellphones

Road Safety

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

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

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

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

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

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

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

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. if you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

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

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

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

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

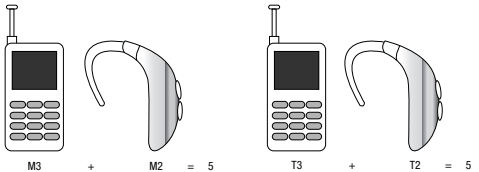
The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

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

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

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

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

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

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch 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.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, 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.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the TALK key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

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.

FCC Notice and Cautions

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.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal 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 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.

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.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Turn Bluetooth On/Off"* on page 108.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.

- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 17: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?
SAMSUNGTELECOMMUNICATIONS AMERICA, LLC (“SAMSUNG”) warrants to the original purchaser (“Purchaser”) that SAMSUNG's Phones and accessories (“Products”) are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This 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, or modification of any part of 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 use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

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 Product. 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 substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become 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 such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE

OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important!: Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Road

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important!: If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

Phone: 1-888-987-HELP (4357)

©2008 Samsung Telecommunications America. All rights reserved.

No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice.

Index

A

Adjust
- key tone 124
- Ringer setting 19

Airplane Mode 128

Axcess Shop 65

Axcess Web
- How Axcess Web Keys Work 67
- Launching Axcess Web 66
- Using Axcess Web 66
- Using Links 67

B

BACK key 14

Backup to last menu 32

Battery
- Charging 6
- Install 4
- Low battery indicator 7
- Removal 6
- Travel adapter 6

Bluetooth
- Add New Device 108
- Connecting 109
- Registered List 109
- Settings 109
- Turn On/Off 108

C

Calendar 109

Call Answer mode 17

Call Functions
- Adjusting the Call Volume 25
- Answering a Call 24
- Call Log 25
- Making a Call — Number Entry Dialing 20
- Making a Call — Quick Search Dialing 22
- Making a Call — Speed Dialing 21
- Making a Call — Voice Dialing 23

Call Options
- Auto Answer 126
- Auto Retry 126
- Call Alert 125
- Call Answer 125
- Data 127

Call Settings 125

Camcorder
- Color Effects 84
- Options 82
- Screen Icons 73
- Taking Videos 69

Camera
- Brightness 87
- Color Effects 77
- Multi Shot 76
- Options 75
- Photo Gallery 87
- Save Pictures 74
- Screen Icons 72
- Taking Pictures 69
- Zoom 87

Camera Key 15

Camera Options
- Resolution 76

Card Memory
- Formatting 139
- Management 137

Contacts List
Open 38
Creating and Sending New Messages
Picture (Pic) Message 53
Text Message 52
Video Message 55

D

Display screen icons 16
Display Settings
Backlight 122
Banner 122
Clock Format 121
Dial Screen 121
Menu Style 120
Theme Color 121
Wallpaper 120, 121

E

Emergency Calls 20
END key 15
Entering Text
Alpha (Abc) Mode 34
Entering Numbers 36
Entering Symbols 37
Entering Upper and Lower Case Letters 36
Text Entry Modes 34
Erase voice memos 98
Exit Axcess Web 66

F

File Save Options 135
Formatting a Memory Card 139
Formatting a microSD Card 139

G

Gallery, photo 87
Getting Started
Activating Your Phone 4
Understanding this User Manual 4
Voicemail 7

H

HAC 152
Health and Safety Information 141

I

Icon Glossary 140
Input mode 17
International Calls 20
In-use menu 32

K

Key Tone 124

L

Language 128
Left soft key 13
Lock mode 17

M

Memo Pad
Add a Memo 111
Review, edit, and erase memos 111
Memory Card
Formatting 139
Menu Navigation
Menu Outline 33
Menu shortcuts 32
Menu, in-use options 32
Message Folders
Drafts folder 60
Inbox 58
Messages and Lock Mode 59
Outbox 59
Voicemail 61
Message Send Options 56
Message Setting 62
Messaging
Erasing Messages 62

Message Settings 62
microSD
Formatting 139
Mode
Call answer 17
Input 17
Lock 17
Standby 18
Talk 18
Vibrate 18
M-Ratings 153
Multimedia 90

N

NAM selection 132
Navigation key 15
Navigation key shortcuts 32
Notes and tips 4
Notes, description 4
Number Entry Dialing 20

O

OK key 14

P

Personal Organizer
Alarm Clock 112
Calculator 115
Calendar 109
Memo Pad 111
Voice Memo 98
World Time 113
Phone Info
Icon Glossary 140
Phone Number 140
Version 140
Phone Memory
Freeing 136
Freeing Card Memory 137
Usage Info 135, 137
Phone Number 140
Phone Safety 151
Phone Settings
NAM selection 132
Photos
Sending 88
Picture (Pic) message 53

Q

Quality, pictures 76
Quality, videos 83

R

Receiving New Messages 57
While in a Call 57
Record memos 98
Return to last menu 32
Right soft key 14
Roaming 31

S

SAR values 141
Save pictures 74
Screen Layouts 72
Security Settings
Change Lock 129
Emergency # 129
Erase Contacts 130
Lock Phone 128
Resetting Your Phone 130
Restriction 131
Set Time 132
Settings
Call 125
Display 119
Key Tone 124
Security 128
Sound 123
Vibrating Alert 124
Setup
Location 119

Voicemail 57
Shortcut to menus 32
Shutter sound 81
Sound Settings
Alerts 124
Key Tone 124
Ringer Type 123
Vibrating Alert 124
Volume/Vibrate 123
Speakerphone Key 18
Speed Dialing
Making a Call 21
One-Touch Dialing 21
Three-Touch Dialing 22
Two-Touch Dialing 22
Standard Limited Warranty 160
Standby mode 18

T

Taking pictures and videos 69
TALK key 15
Talk mode 18
Text message 52
Time, set 132
Tip, description 4
Tools 102
Tools Menu 102
T-Ratings 153
TTY Mode 126

U

UL Certification 142
Understanding Your Contacts
Adding a New Contact Entry 38
Deleting a Contact Entry 50
Editing an Existing Contact Entry 44
Finding a Contact Entry 41
Memory 51
Pauses 45
Understanding Your Phone
Closed View of Your Phone 10
Command Keys 13
Display Screen 16
Features of Your Phone 9
Front View of Your Phone 12

V

Version 140
Vibrate mode 18
Vibrating Alert 124
Video message 55
Voice Launch 107
Voice mail
Listening to 7
Voice Memo 98
Erase all memos 99
Record memos 98
Review memos 98
Voice Service 102
Voicemail
Checking 57
Setup 57
VoiceSignal
About VoiceSignal 107
Voice Memos 98

W

Wallpaper 120
Warranty Information 160