

# **SCH-R250**

**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.**

The Samsung logo consists of the word "SAMSUNG" in a bold, white, sans-serif font. The text is centered within a dark, horizontally-oriented oval background.

**SAMSUNG**

# 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

Toll Free Tel:

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

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

1.888.987.HELP (4357)

©2010 Samsung Telecommunications America, LLC is a registered 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.samsungtelecom.com/support](http://www.samsungtelecom.com/support)

GH68-31479A

Printed in China.

Nuance<sup>®</sup>, VSuite<sup>™</sup>, T9<sup>®</sup> Text Input, and the Nuance logo are trademarks or registered trademarks of Nuance Communications, Inc. or its affiliates in the United States and/or other countries.

Openwave<sup>®</sup> is a registered Trademark of Openwave, Inc.

RSA<sup>®</sup> is a registered Trademark RSA Security, Inc.

The Bluetooth<sup>®</sup> 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.

All other product or service names are the property of their respective owners.

## 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

---

<b>Section 1: Getting Started .....</b>	<b>6</b>
Understanding this User Manual .....	6
Installing the Battery .....	8
Charging the Battery .....	9
Activating Your Phone .....	12
<b>Section 2: Understanding Your Phone .....</b>	<b>14</b>
Features of Your Phone .....	14
Closed View of Your Phone .....	15
Open View (Front) of Your Phone .....	17
Understanding the Display Screen .....	20
Menu Navigation .....	23
<b>Section 3: Call Functions .....</b>	<b>25</b>
Making a Call .....	25
Answering a Call .....	30
Calls Logs .....	34
<b>Section 4: Entering Text .....</b>	<b>38</b>
Text Entry Modes .....	38
Using T9® Mode .....	39
Using Abc/ABC Mode .....	40
Using 123 Mode .....	41
Entering Symbols .....	41
<b>Section 5: Understanding Your Contacts .....</b>	<b>42</b>
Contacts .....	42
Adding a New Contacts Entry .....	43
Finding a Contacts Entry .....	48

Editing a Contacts Entry .....	53
Speed Dial .....	57
Contacts Groups .....	60
Deleting a Contacts Entry .....	64
Memory Info .....	64
<b>Section 6: Messages .....</b>	<b>65</b>
Accessing the Messages Menu .....	65
Creating and Sending Text Messages .....	65
Creating and Sending Picture Messages .....	67
Send Picture Messages in Camera Mode .....	69
Receiving Messages .....	70
Message Boxes .....	72
Message Folder Options .....	74
Message Settings .....	77
Message Content and Delivery Options .....	79
Creating Quick Text .....	80
<b>Section 7: Camera .....</b>	<b>81</b>
Taking Pictures .....	81
Taking Snap Shots (Single Pictures) .....	82
Screen Layouts .....	85
Camera Options and Settings .....	87
The Photo Gallery .....	88
<b>Section 8: Multimedia .....</b>	<b>89</b>
Accessing Multimedia .....	89
Camera .....	89
Using My Images .....	90
Using My Ringtones Gallery .....	92

<b>Section 9: Web .....</b>	<b>93</b>
Browser .....	93
Launching the Browser .....	93
Using the Browser .....	94
Using Links .....	95
How Browser Keys Work .....	95
Shop .....	97
Applications Shopping and Downloading .....	97
Changing Your Brew Settings .....	98
Using On-line Help .....	99
<b>Section 10: Tools .....</b>	<b>101</b>
Accessing Your Phone's Tools .....	101
Bluetooth .....	101
Calendar .....	106
Memo Pad .....	108
Alarm Clock .....	110
World Time .....	111
Calculator .....	113
Stop Watch .....	114
Converter .....	114
Tip Calculator .....	117
<b>Section 11: Voice SVC .....</b>	<b>118</b>
Voice SVC Options .....	118
Voice Command .....	118
Voice Settings .....	120

<b>Section 12: Changing Your Settings .....</b>	<b>125</b>
Location Setting .....	125
Display Settings .....	125
Sounds Settings .....	128
Call and Phone Settings .....	129
Call Settings .....	130
Phone Settings .....	132
Memory Info .....	142
Phone Info .....	143
<b>Section 13: Health and Safety Information .....</b>	<b>144</b>
Health and Safety Information .....	144
Please Note the Following Information When Using Your Handset .....	146
Samsung Mobile Products and Recycling .....	147
UL Certified Travel Adapter .....	147
Consumer Information on Wireless Phones .....	148
Road Safety .....	158
Responsible Listening .....	161
Operating Environment .....	164
Using Your Phone Near Other Electronic Devices .....	165
FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices .....	166
Potentially Explosive Environments .....	169
Emergency Calls .....	170
FCC Notice and Cautions .....	171
Other Important Safety Information .....	172
Product Performance .....	173
Availability of Various Features/Ring Tones .....	175



Battery Standby and Talk Time .....	175
Battery Precautions .....	175
Care and Maintenance .....	178
<b>Section 14: Warranty Information .....</b>	<b>180</b>
Standard Limited Warranty .....	180
End User License Agreement for Software .....	186
<b>Index .....</b>	<b>195</b>

# Section 1: Getting Started

---

This section explains how to start using your phone.

## 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 195.

Important safety information that you should know before using your phone is near the back of the guide, beginning on page 144.



## *Notes and Tips*

Throughout this manual, the following labels point out important information, quick methods for activating features, and more:

- **Notes:** Explain alternative options within the current feature, menu, or submenu.
- **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.

## Text Conventions

To condense information in this manual, the following terms and icon appear in procedural steps:

- highlight** Use the Navigation key () to move a highlighting effect onto a menu item or screen item of interest.
- select** After “highlighting” a menu item or screen item, press the **OK** key () to launch, access, or save a highlighted menu item or screen field of interest.
- Used in place of “select” in long “drill down” procedure steps.

---

**Example:** “...Settings → Call Settings → Call Answer...”

---

## Installing the Battery

---

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

---

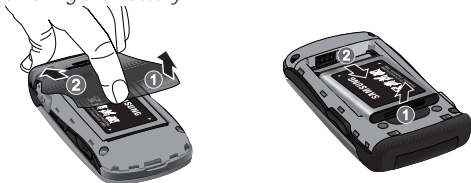
---

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

---



## Removing the Battery



---

**Caution!:** The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact or excessive pressure, which could void the warranty (For more information, refer to “*Warranty Information*” on page 180.) Do not use if screen is broken or cracked as this could cause injury to you.

---

---

**Important!:** You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

---

## 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. **Use of other accessories may invalidate your warranty and may cause damage.**

## *Use the Travel Adapter*

The travel adapter 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.

---

**Important!:** 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 lower right side of your phone.







---

**Important!** You must unplug the adapter before removing the battery from the phone during charging to avoid damage.

---

### *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.


- Five 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 will shut down.

## 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.

### *Turning Your Phone On*

1. With the phone open, press . The display lights, showing the power up animation.

---

**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.

---

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




---

**Note:** If you are outside of your carrier's coverage or roaming area, 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*

- With the phone open, press and hold  for two or more seconds. Your phone powers off.



---

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

---

## *Setting Up Your Voicemail*

Voicemail 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 Voicemail box.

---

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

## *Listen to Voicemail*

1. In Standby mode, press and hold  or dial your own mobile number to access Voicemail. After connecting, you will hear your voice greeting.
2. You are prompted to enter your password.

## Section 6: Messages

---

This section explains how to use your phone to exchange Text and Picture messages with compatible phones and devices.

---

**Note:** Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message length.

---

### Accessing the Messages Menu

- In Standby mode, press **Menu** → **Messages**.


The **Messages** menu appears in the display.

### Creating and Sending Text Messages

Text messages contain up to 160 characters.

1. In Standby mode, press **Menu** → **Messages**.
2. Select **Send Message** → **Text Message**. The **Create Txt Msg** screen displays.

---

**Tip:** To launch the **Create Txt Msg** screen using a voice command: In Standby mode, press and hold  until the phone prompts, “**Say a command.**” Say “**Send Text**” into the microphone. You are then prompted to say a Contact name or a number for the first recipient of the message.

---

3. Enter the phone number or Email address of the recipient.

– or –

Press **Add** and select a contact from **Contacts**, **Groups**, or **Recent Calls**.

4. Press  and compose a text message.
5. Press **Options** to set message delivery options. (For more information, refer to “*Message Content and Delivery Options*” on page 79.)
6. Press **Send** () to send this message.

### *Text Message Settings*

1. From the **Messages** menu, select **Msg Settings** → **Text Message**. The following options appear in the display.
  - **Auto View**: On/Off. With Auto View **On**, the full content of a text message appears in the display as the messages is received.
  - **Auto Scroll**: On/Off: With Auto Scroll **On**, the full content of a text message automatically rolls upward on the display, one screen-full at a time.
  - **Message View**: Chat/Normal. With Message View set to **Chat**, multiple text messages exchanged with a single addressee appear as a chat session.
2. Select the desired option, then select the desired setting or enter the desired value.

## Creating and Sending Picture Messages

Send Picture messages to recipients with a compatible phone or other device, and accompany a Picture message with a voice memo, ringtone, or downloaded melody.

1. In Standby mode, press **Menu** → **Messages**.
2. Select **Send Message** → **Picture Message**. The **Create Pic Msg** screen displays.
3. Enter the phone number or Email address of the recipient.  
— or —  
Press **Add** to address your message to **Contacts**, **Groups**, and **Recent Calls**.
4. Press the **Right** Navigation key to select **CC** or **BCC** for this message and enter a contact (optional).

---

**Tip:** You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send To** field of the Picture message composer.

---

5. Enter a **Subject** and **Text** for this message.
6. Highlight the **Picture:** field, and press **Picture**, then select a picture and press **OK**.  
— or —
7. Press **Camera**, take a picture and press **OK**.
8. Highlight the **Sound** field and press **Sound**.
9. Select a sound file and press **OK**.

10. Press **SEND** to send this message.

– or –



11. Press **Options** and select an option. For more information, refer to “*Message Content and Delivery Options*” on page 79.

### *Picture Message Settings*

1. From the **Messages** menu, select **Msg Settings** → **Picture Message**. The following option appears in the display.
  - **Auto Receive:** On/Off. With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.
2. Select the desired option, then select the desired setting or enter the desired value.

## Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or other sound file.

1. In Standby mode, press **Menu** → **Multimedia** → **Camera**. (For more information, refer to “*Taking Snap Shots (Single Pictures)*” on page 82.)
2. Press **Take** () to take a picture.
3. Press **Send** () , enter a phone number or e-mail address for the recipient of this message and press **OK**.

---

**Tip:** You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send to** field of the Picture message composer.

---

4. Enter a **Subject** and **Text** for this message.
5. Highlight the **Sound** field and press **Sound**.
6. Select a sound file and press **OK**..
7. Press **Send** to send this message.  
— or —
8. Press **Options** and select an option. For more information, refer to “*Message Content and Delivery Options*” on page 79.

## Receiving Messages

When you receive a message, your phone notifies you in one of the following ways:

- **In Standby mode:** The ringer sounds (unless turned off) and **New Message** appears in the display along with the dosed envelope icon (✉).
- **While in a call:** **New Message** appears in the display along with the closed envelope icon (✉).

The date and time of the message also appear in the display along with the following options:

- **View Now:** Downloads (picture messages) and opens the message. You have the following options:
  - **Text Message:** Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Extract.
  - **Picture Message:** Reply, Forward, Delete, Save Text, Save Pic, or Save Msg.
- **View Later:** Saves the message to your Inbox, where you can view it later, then returns your phone to its previous mode. (For more information, refer to “*Message Boxes*” on page 72.)

### *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.

## *Voicemail*

Voicemail allows callers to leave retrievable voice messages.

Voicemail messages are stored to the Messages, Voicemail inbox. Open the Voicemail box to view the details of the message.

When you receive a voicemail message an alert tone sounds and the new message icon displays.

- ▶ Select one of the following, listening options:
  - **Listen Now**: Calls your voice mailbox and lets you listen to your messages.
  - **Listen Later**: Returns you to Standby mode where you can choose to call your mailbox and review your messages at a later time.

### *Listen to Voicemail Now*

1. In Standby mode, select **Listen Now** in the New Voicemail pop-up. Your phone automatically calls your voice mailbox.
2. Follow the voice prompts to access your voicemail messages.

### *Listen to Voicemail Later*

1. From the **Messages** menu, select **Voicemail**. The **Voicemail** screen appears in the display.
2. Press **OPEN**. Your phone dials your voicemail account.

---

**Tip:** You can also access your voicemail from Standby mode, by pressing and holding  to speed call your voice mailbox.

---

3. Follow the voice prompts to access your voicemail messages.



## Message Boxes

From each of the message boxes you can view, edit, send, delete, or perform several other options.

### *Inbox*

Received messages of all types (except Voicemail) are stored in the **Inbox**.


### Review Messages in the Inbox

1. From the **Messages** menu, select **Inbox**. The **Inbox** appears in the display showing a list of received messages.

---

**Tip:** During a call, press **Options**, then select **Messages**.

---

2. Highlight the message you wish to view, then press **OPEN** () to view contents of the highlighted message.
3. Press **Options** while viewing your message to access additional options. (For more information, refer to “*Message Folder Options*” on page 74.)

## Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted.

1. In Standby mode, press **Menu → Messages → Outbox**. A list of outgoing messages displays.
2. Press **Options** while viewing your message, to access additional options. (For more information, refer to “*Message Folder Options*” on page 74.)

## Draft Box

Messages in the Draft Box are those that were composed and saved to the Draft Box. You can return to the Draft Box at any time to view, edit, or send a draft message.

### Create a Draft Message

1. In Standby mode, press **Menu → Messages → Drafts**. A list of draft messages displays.
2. Compose the message the same as a Text or Picture message. For more information, refer to “*Creating and Sending Picture Messages*” on page 67 and For more information, refer to “*Creating and Sending Picture Messages*” on page 67.
3. Press **Options** to access additional options.

## Message Folder Options

The following options are combined and apply to Inbox, Outbox, or Draft messages. Each option denotes to which box the option belongs.

### *Message Folder Options*

- **Add Quick Text:** Drafts. Insert pre-composed text into your message text.
- **Add To Contacts:** Inbox, Outbox, Drafts. Save the sender's number or e-mail address to your Contacts.
- **Add To Contacts:** Drafts. (Picture msg only). Save the recipient's number or Email address to your Contacts.
- **Enh. Delivery Ack:** Drafts. Choose **On** or **Off**. Requests confirmation when your message is received.
- **Delivery Ack:** Drafts. (Picture msg only). Choose **On** or **Off**. Requests confirmation when your message is received.
- **Edit Send To:** Drafts. Change, add, or remove recipients from this message.
- **Erase:** Outbox. (Picture Messages Only) Delete this message from the Outbox, if the message is Unlocked.
- **Extract:** Inbox. Outbox. Calls or sends a new message to the recipient for this message.
- **Forward:** Inbox. Outbox. Send a copy of this message to another recipient.
- **Lock / Unlock:** Inbox, Outbox. Block/permit erasure of the highlighted message.
- **Message Info:** Inbox, Outbox. Shows message delivery status, addressee, size, and more.

- **Play Again:** Outbox. Replay the sound file in a Picture message.
- **Preview:** Drafts. (Picture msg only). Shows the message contents.
- **Priority Level:** Drafts. Choose **High** or **Normal**.
- **Priority Level:** Drafts. (Picture msg only). Choose **High**, **Normal**, or **Low**.
- **Remove It:** Drafts. (Picture msg only). Remove image included in draft message.
- **Remove Sound:** Drafts. (Picture msg only). Remove sound file included in draft message.
- **Reply With Copy:** Inbox. Compose and send a reply message to the originator of the received message and include a copy of the original message.
- **Save As Draft:** Drafts. Save the message to your Drafts box.
- **Save Sound:** Inbox. (Picture Messages Only) Save the audio file (sound) included in this message to the My Ringtones folder.
- **Save Pic:** Inbox. (Picture Messages Only) Save the picture included in this message to the My Images folder.
- **Save Quick Text:** Inbox, Outbox. Save the text in this message as a new Quick Text.
- **Validity Period:** Drafts. Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.
- **Validity Period:** Drafts. (Picture msg only). Enter the **Date** when this message will cease to be valid, then use the Left and Right navigation keys to choose the **Time**.

## *Message List Options*

- **Add To Contacts:** Inbox/Outbox/Drafts. Save the recipient's number and/or Email address to your Contacts.
- **Erase Drafts:** Drafts. Delete one or more selected unlocked draft messages.
- **Erase Inbox:** Inbox. Delete one or more selected Unlocked messages from the Inbox.
- **Erase Outbox:** Outbox. Erase one or more selected Unlocked messages from the Outbox.
- **Forward:** Inbox/Outbox. Send a copy of this message to another recipient.
- **Lock / Unlock:** Inbox/Outbox/Drafts. Block/permit erasure of the highlighted message.
- **Message Info:** Inbox/Outbox. Shows message delivery status, addressee, size, and more.
- **Reply:** Inbox. Compose and send a reply message to the originator of the received message.
- **Reply With Copy:** Inbox. Compose and send a reply message to the originator of the received message and include a copy of the original message.
- **Resend:** Outbox. Send another copy of the highlighted message to the original recipient
- **Save Quick Text:** Drafts. Save the message text as Quick Text for insertion into other messages.
- **Send:** Drafts. Send the highlighted message to the number or Email address currently included with the message.

## Message Settings

Use the **Msg Settings** sub-menus to define settings for general, text, and picture messages.

### *General Message Settings*

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **General**. The following options appear in the display.
  - **Auto Save**: Choose whether your messages are saved automatically when you exit them (**On**, **Off**, **Prompt**).
  - **Auto Erase**: Choose to receive (**On**) or not receive (**Off**) a warning message when you delete a message.
  - **Quick Text**: Edit your pre-composed messages, which can then be inserted into new messages.
  - **Voicemail #**: Edit or view your Voicemail number.
  - **Entry Mode**: Choose the default method for entering text into messages (**T9word**, **T9Word**, **T9WORD**, **abc**, **Abc**, **ABC**, **123**).
  - **Callback #**: Choose whether to include a callback phone number with your outgoing messages, and enter the number to be included.
  - **Signature**: Choose whether to include a text signature in outgoing message text, and enter the text to be included.
  - **Reminder**: Select whether and how often you will hear and/or feel a reminder that you have received a message (**Once**, **Every 2 Minutes**, **Every 15 Minutes**, **Off**).
2. Select the desired option, then select the desired setting or enter the desired value.

## *Text Message Settings*

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **Text Message**. The following options appear in the display:
  - **Auto View**: Set your text messages to pop-up in the display when they arrive (**On**) or to be prompted (**Off**).
  - **Auto Scroll**: Set your text messages to automatically scroll through their contents (**On**) or to manually scroll through the message contents (**Off**).
  - **Message View**: Choose whether to view messages as a **Chat** session or individually (**Normal**).
2. Select the desired option, then select the desired setting or enter the desired value.

## *Picture Message Setting*

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **Picture Message**. The following option appears in the display:
  - **Auto Receive**: Choose whether to automatically download Picture messages to your phone as they arrive (**On**) or to be notified of new Picture messages and download them manually (**Off**).
2. Select the desired option, then select the desired setting or enter the desired value.

## Message Content and Delivery Options

- **Edit Send To:** (Text message only) Edit the recipient's number or email address.
- **Preview:** (Picture message only) View the picture as the recipient views it.
- **Add Quick Text:** Insert pre-composed text in your message.
- **Save As Draft:** Save the message to your Draft folder.
- **Priority Level:** Choose **High**, **Normal**, or **Low** (Picture message only).
- **Validity Period:** Enter the **Date** when this message ceases to be valid, then press the Navigation key Left or Right to choose the **Time**.
- **Delivery Ack:** Choose **On** or **Off**. Requests confirmation when your message is received.
- **Remove Pic:** (Picture message only) Remove the picture from your message.
- **Remove Sound:** (Picture message only) Remove the sound file from your message.
- **Add To Contacts:** Save the recipient's number or Email address as a Contacts list entry.



## Creating Quick Text

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **General** → **Quick Text**.

---

**Note:** You cannot change the pre-defined Quick Text included with your phone.

---

2. Press **New**.
3. Enter the new Quick Text message and press **OK** to save.

## Section 2: Understanding Your Phone

---

This section lists some important features of your phone and describes the keys and the screen format.

### Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- Bluetooth® Wireless Technology (see Note)
- Global Positioning (GPS) Technology
- Personal Information Management (PIM) Functions
- Picture (MMS) Messaging
- Text (SMS) Messaging
- Built-in VGA Digital Camera
- Voice Dial
- Speakerphone

---

**Note:** The phone supports the wireless Headset, Handsfree, Object Push, File Transfer, and Phonebook Access profiles for Bluetooth® wireless technology. The phone does not support the Bluetooth serial port profile.

---

## Closed View of Your Phone

### Features

1. **Volume Key:** Lets you adjust the ring volume in Standby mode, adjust the voice volume during a call, or mute the ringer during an incoming call. Press and hold to light the front display.
2. **Camera Lens:** The lens of your built-in camera.
3. **Front Display:** Indicates the status of your phone, including status icons, message indicators, signal strength, and so on.



4. **Headset Jack (2.7 mm):** Used to connect an optional, wired headset (for hands free operation) or optional TTY/TDD device.
5. **Camera Key:** Launches the Camera feature of your phone and takes photos.
6. **USB Power / Accessory Connector:** Used to connect charging accessories or optional USB accessory cables to your phone.



## Open View (Front) of Your Phone




## *Features*

1. **Main Display:** Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators and contents, signal strength, and so on.
2. **Navigation Key:** In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.
3. **Left Soft Key:** Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Main LCD.
4. **SEND Key:** Lets you place or receive a call. In Standby mode, press the key once to access the recent calls log.
5. **Voicemail Key:** Lets you speed dial your Voicemail account to review your voice messages.
6. **Special Function Keys:** Enter special characters. Perform various functions.
7. **Voice Recognition Key:** Used to launch VoiceSignal voice recognition system.
8. **Microphone:** Lets the other caller hear you clearly when you are speaking to them.
9. **Alpha-numeric Keys:** Use these keys to enter numbers, letters, and characters.

10. **CLR 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.
11. **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 voice mail.
12. **Right Soft Key:** Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.
13. **OK Key:** Pressing when navigating through a menu accepts the highlighted choice in a menu.
14. **Earpiece:** Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.

## Understanding the Display Screen

1. Icons indicating network and phone statuses. (For more information, refer to “*Display Screen Icons*” on page 21.)
2. Current day of the week, date, and time.
3. Icon indicating that Auto Answer function is active. (For more information, refer to “*Auto Answer*” on page 130.)
4. The center of the screen shows information such as call progress indicators, messages, photos, and, in Standby Mode, Navigation key shortcut icons. (For more information, refer to “*Navigation Key Shortcuts*” on page 24.)
5. This line contains a text banner that you can change as needed. (For more information, refer to “*Banner*” on page 127.)
6. The bottom line of the display shows current soft key functions. In the sample screen, pressing the Left soft key will show the **Shop** screen, pressing **Menu** () shows the Main Menu, and pressing the Right soft key shows the **Messages** menu.





## *Display Screen Icons*

Your phone can show you definitions of the icons that appear on the top line of the display.

To access the Icon Glossary:

- ▶ In Standby mode, select **Menu → Settings → Phone Info → Icon Glossary**. The Icon Glossary screen appears in the display listing all of the icons that display on the top portion of the Standby mode screen.

## *Dialogue Boxes*

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low battery. 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: "System Error!"

- **Warning**

- Example: "Low Battery," "Memory Full!"

## Backlights

Backlights illuminate the displays 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:** During a phone call, the display backlight turns off after 10 seconds to conserve battery power, regardless of the Backlight setting.

---

For more information, refer to “*Backlight*” on page 127.

## Menu Navigation

Access the menus and sub-menus in your phone using the Navigation key () and soft keys () or use a shortcut.

1. In Standby mode, press **Menu**. The first of several menus appears in the display.
2. Use the Navigation key to browse through the menus.
3. Press  to enter the menu or sub-menu that appears in the display.

## Menu Shortcuts

Use shortcuts to quickly access menus and sub-menus. Select **Menu**, then press the number to the left of the menu label to jump to the desired menu, sub-menu, or feature.

## Return to the Previous Menu

- Press **Back** to return to a previous menu.
- Press **CLR** to return to the previous menu when **Back** does not appear in the display.

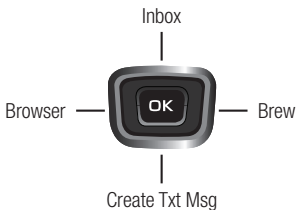
---

**Example:** To jump to the **Outbox** sub-menu from Standby mode, select **Menu**, then press  (for **Messages**) and  for **Outbox**.

---

## Navigation Key Shortcuts

In Standby mode, press the Navigation key Up or Down to launch the corresponding applications in the pattern shown here.




## Section 3: Call Functions

---

This section provides procedures for making and answering calls, and for reviewing your call time.

### Making a Call

1. In Standby mode, enter an area code and a phone number.
2. Press  to make the call.

---

**Tip:** Adjust the volume with the Volume key.

---

3. Press  to end the call.

### *Emergency Calls*

When you call an Emergency Number, such as 911, your phone locks itself in Emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This lets emergency operators more easily dispatch aid, such as police, fire fighters, and emergency medical personnel.


---

**Note:** You can define up to 3 emergency numbers in your phone. (For more information, see “*Storing Emergency Numbers*” on page 138.)


---

1. In Standby mode, enter the Emergency Number you wish to call and press .

---



**Tip:** If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press . (For more information, refer to “Airplane Mode” on page 133.)

---

2. Press  to exit Emergency mode. You are prompted to confirm that you want to exit Emergency mode.
3. Press **Yes** to confirm that you want to exit Emergency mode.


### *Three-Way Calling*

During a call, Three-Way Calling lets you call a third party and connect them to your existing call.

1. Enter a third party's phone number and press .
2. When the third party answers, press  to connect all parties to the same call.

### *Dialing International Numbers*

#### Call Another Country — Manual Method


1. In Standby mode, enter **011** (the three-digit exit code 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 .

---

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

---


## Call Another Country — Shortcut Method

1. In Standby mode, press and hold  until a plus sign (+) appears in the display.

---


**Note:** When you press , your phone automatically replaces this + with 011, the three-digit exit code 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 .

### *Manual Pause Calling*

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

1. In Standby mode, enter the number you wish to call.
2. Press **Options**. The following pause options appear in the display:
  - **2-Sec Pause:** A 2-second pause after which dialing resumes.
  - **Wait:** A hard pause (waits for input from you).
3. Select the desired pause to enter it into the number sequence.
4. Press  to call the number.

---

**Tip:** Press **Save** to store pauses along with the number if you plan to call the number frequently.

---

## *Speed Dialing*

Once you store phone numbers from your Contacts list, you can set up to 99 speed dial entries and then easily dial them whenever you want, by pressing the associated numeric key.

There are three types of speed dialing:

- **1-Touch:** press and hold the digit (1-9) to dial.
- **2-Touch:** press and hold the second digit (10-99) to dial.
- **3-Touch:** press and hold the third digit to dial (100-999).

## *Setting up a Speed Dial Number*

1. In Standby mode, press **Menu** → **Contacts** → **Speed Dial**.
2. Select an Unassigned slot and press **Set**.
3. Highlight the Contact entry to assign to this Speed Dial number and press **OK**. You are prompted to confirm the Speed Dial number assignment.
4. Press **Yes**.

## *Voice Dialing*

Your voice recognition let's you speak phone numbers and Contact names *in a natural manner* to call them.

---

**Note: End Calls Before relaunching the VoiceSignal voice recognition software** When you use voice recognition to make a call, you must end that call before you can use other Voice Commands. See “Voice SVC” on page 118 for more information.


---



## 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.


### Dialing a Contact Name

1. In Standby mode, press and hold  until **“Say a command”** appears in the display and plays through the earpiece.
2. Say **“Call”** followed by the Contact's first and last names. Voice Dial repeats the name and dials the number.


---

**Note:** If Voice Dial is unsure 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. Say **“Yes”** to confirm the name, **“No”** to hear the next name, or use the keypad to select the correct name from the list.

---

3. If the recognized name has multiple numbers stored for it, Voice Dial displays the possible choices and prompts you with **“Which number?”** Say **“Home”**, **“Work”**, or **“Mobile”**, and Voice Dial dials the specified number.
4. Press  to exit VoiceSignal without dialing.

### Dialing a Number

1. In Standby mode, press and hold  until **“Say a command”** appears in the display and plays through the earpiece.
2. Say **“Call”** followed by the telephone number of the person you want to call. Voice Dial repeats the number and dials it.

---

**Example:** Say “7 8 1 5 5 5 7 2 0 0.”

---

---

**Note:** If Voice Dial is unsure of 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. Say “**Yes**” to confirm the number, “**No**” to hear the next number, or use the keypad to select the correct number from the list.

---

3. Press  to exit VoiceSignal without dialing.

## Answering a Call

When you receive a call, the phone rings and displays one of the following:

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

---





**Tip:** When you assign pictures to Contacts entries, the entry's assigned picture appears in the display when you receive a call from that entry. (See “*Assigning a Picture to a Contacts Entry*” on page 55).

---

The phone continues to notify you of the call until one of the following events occurs:

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

## Call Answer

You can set your phone to answer calls only when you press  or when you press any key except , , or . (For more information, refer to “Call Answer” on page 130.)

## Call Notification Features

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


- Eight ring volume settings: **Silence All**, **Vibrate**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, or **High**.
- Different ring types or melodies to distinguish callers.
- Name display with caller ID. (If the caller’s name is programmed into your Contacts list).

---



**Note:** Information about the last 90 each of incoming, missed, and outgoing calls are automatically stored to a call log.

---

## Set Call Ringer Volume

1. In Standby mode, press the Volume key on the left side of the phone up or down to set the call ringer volume as desired.
2. Once you’re satisfied with the setting, press . The phone returns to Standby mode.

---

**Note:** The Vibrate icon () appears in the display when the call ringer is set to **Vibrate**. The Vibrate/Ring icon () appears in the display when you press **Vibrate on**.

---




## Call Waiting

If you're on a call, your phone beeps when you receive a second call. Call Waiting lets you answer the second call and alternate between both calls.

---

**Note:** Contact your Wireless Carrier for availability.

---

1. Press  to place the first call on hold and answer the second call.
2. Press  to place the second call on hold and return to the first call.
3. Press  to alternate between calls.

## Silence an Incoming Ring

To temporarily silence the incoming call ringer:

- ▶ Press the Volume key () , on the left side of the phone, up or down while your phone is ringing.

## Ignore an Incoming Call


Ignored calls are immediately forwarded to Voicemail. To ignore an incoming call:

- ▶ Press **Ignore** while your phone is ringing. The incoming call is forwarded to Voicemail.

## In-Use Menu

You can access a number of menus and features even while in a call.

During a call, you can:

1. Press **Mute** / **Unmute** to disable /enable your phone's microphone.
2. Press **Options**. The following options display:
  - **Speaker**  / **Off**: Enables / disables Speakerphone mode during the call. (For more information, refer to “*Responsible Listening*” on page 161.)
  - **Messages**: Display the Messages menu.
  - **Contacts**: Display the Contacts menu.
  - **Recent Calls**: View your recent calls log.
  - **Send DTMF**: Send your phone number as DTMF tones to the other person on the call.
  - **Voice Privacy**: When set to **Enhanced**, the phone sounds an audible beep when you lose privacy (encryption) on a CDMA connection. [This option requires that this option is set to **Enhanced**. (The default setting.) For more information, refer to “*Voice Privacy*” on page 132.]
  - **Location**: Turn your GPS location on or set GPS location for emergency calls only.

With the Options menu displayed, do one of the following:

- ▶ Select a menu or feature to access the sub-menu or activate the selected feature.
- or —

Press **Cancel** or  to exit the menu.

## Calls Logs

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.


- ▶ To access the Calls Logs, in Standby mode, press **Menu**, then select **Calls**.

---

**Tip:** To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press  while in Standby mode. The **All Calls** screen, listing up to 270 of your most recent calls, appears in the display.

---

### *Outgoing / Incoming / Missed Calls*

1. From the **Calls** menu, select **Outgoing Calls / Incoming Calls / Missed Calls**. A list of your outgoing, incoming, or missed calls appears in the display.
2. Highlight a call. The following options are available:
  - Press **Msgs** to send a message to the caller. The **Send Message** menu appears in the display. (For more information, refer to “*Creating and Sending Text Messages*” on page 65 or “*Creating and Sending Picture Messages*” on page 67.)
  - Press **OPEN** () to view information about the call.

- Press **Options** to access one of these additional options:
  - **Save**: Save the number to your Contacts.
  - **Erase**: Erase the selected call from your Outgoing calls list.
  - **Lock / Unlock**: Blocks/permits erasure of the selected call from your Outgoing, Incoming, or Missed call list.
  - **Erase all**: Erase all unlocked calls from your Outgoing call list.
  - **View Timer**: **Call Timer** screen appears in the display listing the number and types of calls and their total durations. (See “*Call Timer*” on page 36 for more information.)

### 3. Select an option to perform its function.

#### *Erase Logs*

You can erase Outgoing, Incoming, Missed, or All Calls.

#### Erase All Calls

1. From the **Calls** menu, select **All Calls**. The **All Calls** list appears in the display with the first call in the list highlighted.
2. Press **Options**, then select **Erase all**. “**Erase all entries?**” prompts you to confirm erasure of all Calls log entries.
3. Press **Yes** to Erase all calls.
  - or –
 Press **No** to cancel.

## *Call Timer*

Call Timer shows you the duration of your last call, total calls, and calls made during the life of your phone. Call timer is not for billing purposes.

1. From the **Calls** menu, select **Call Timer**.
2. Highlight the timer and press **Reset** to reset a timer.
3. Press **Reset All** to reset all of the timers except **Lifetime Calls**.

---

**Note:** LifeTime call timers can never be reset.

---

4. Press  to exit the **Call Timer** screen.

## *Data Counter*

Use Data Counter to view the amount of data sent or received (or a total of both) by the data services on your phone. The Data Counter can help you monitor data usage, especially if your service agreement has usage limits.

1. From the **Calls** menu, select **Data Counter**.
2. Highlight the timer and press **Reset** to reset a timer other than Lifetime Data Counter.
3. Press **Reset All** to reset all timers except **Lifetime Data Counter**.

---

**Note:** You cannot reset the **Lifetime Data Counter**.

---

4. Press  to exit the **Data Counter** screen.



## Store Numbers from Call Logs

You can store numbers from your **Outgoing, Incoming, Missed**, and **All** calls logs to your Contacts list.

---

**Tip:** In Standby mode, briefly press  to display the **Recent Calls** list. You can then select any call in the list to save to **Contacts**.

---

1. From the **Calls** menu, select **Outgoing Calls / Incoming Calls / Missed Calls / All Calls**.
2. Select the number you wish to store in Contacts.
3. Press **Options → Save** and select **Create New** (to add the number as a Contacts entry) or **Update Existing** (to find a Contact with which to associate the new number).
4. Follow the prompts to store the selected number to your Contacts list.

## Section 4: Entering Text

---

This section outlines how to enter text using the phone keypad. This section also describes how to use the T9 predictive text entry feature to reduce the number of key strokes needed to enter text.

### Text Entry Modes

#### *Changing the Text Entry Mode*

In any text entry screen or field, the current text entry mode (**T9word**, **T9Word**, **T9WORD**, **abc**, **Abc**, **ABC**, **123**, **Symbols**, or **Emoticons**) is shown in the lower left of the display. To change the text entry mode:

- ▶ Press the Left soft key to scroll through available text entry modes.
  - **T9 Word**: Press each phone key only once to enter the letter of the word that you're spelling. The phone recognizes common words from the keys pressed.
  - **Abc**: Enter letters, numbers, and symbols by repeatedly pressing each phone key until the desired character (as shown on the key) appears in the display.
  - **123**: Enter numbers by pressing the corresponding keypad keys.
  - **Symbols**: Using the phone keypad, enter a symbol into your message by pressing the number next to the symbol in the Symbols pop-up window.
  - **Emoticons**: Using the phone keypad, enter an Emoticon (Smiley) into your message by pressing the number next to the Emoticon in the Symbols pop-up window.

## Using T9<sup>®</sup> Mode

T9 Word recognizes commonly used words matching the numeric sequence of key presses and inserts the word into your message. Text entry using T9 Word is much faster than the traditional method (**Abc**) and *requires only one key press per letter* of the word.

For example, to enter the word “Samsung”, press each of the following keys *only once*:



If more than one word shares the same numeric sequence, T9 Word inserts the most commonly used word, and displays any additional words in a pop-up menu where you can select the desired word.

- To switch to **T9Word** while composing a text message, press the Left soft key, then select **T9Word**.


---

**Note:** To enter a space, press the  key. To enter a period, press the  key. These key functions apply to both T9 Word and Abc modes. (For other symbols, see “Entering Symbols” on page 41.)

---

## *Adding Words to the T9 Word Dictionary*

If pressing the keys corresponding to a word you want to enter does not display that word, do the following:

1. Press the Left soft key and select **Add T9 Word**.
2. Enter the word you want to add to the T9 Word dictionary, then press () . The word is added to the T9 dictionary.




---

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

---

## Using Abc/ABC Mode

**Abc** mode enters characters with the first character of each word capitalized. **ABC** mode enters characters as all capitals.

1. To switch to **abc**, **Abc**, or **ABC** mode while composing a text message, press the Left soft key, then select **Abc** or **ABC**.
2. Enter characters while in **abc**, **Abc**, or **ABC** mode by using the keypad:
  - Press the key repeatedly until the desired character appears in the display (for example, press  once for "G" and twice for "H").
  - Pause briefly and the displayed character is accepted and inserted into your message.
  - Press  to enter a space and press  to enter a period.

## Using 123 Mode

Enter numbers into a text message while in **123** mode.

1. To switch to **123** mode while composing a text message, press the Left soft key, then select **123**.
2. Enter numbers while in 123 mode by pressing the key labeled with the desired number.

## Entering Symbols

Enter symbols such as “@” or “%” into a text message.

1. To switch to **Symbols** mode while composing a text message, press the Left soft key, then select **Symbols**.
2. The first of three symbol screens is displayed. Use the Left and Right soft keys and Navigation key to browse the list.
3. Select a symbol to enter it in your message text.
4. To insert additional symbols into your message, repeat Steps 1 through 3.

## Section 5: Understanding Your Contacts

---

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list.

---

**Note:** Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

---

### Contacts

Up to 1000 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and one Email address. Each phone number can be up to 32 digits in length, including **2-Sec** or **Wait** pauses (see “*Manual Pause Calling*” on page 27 for more information), and associated names can be up to 32 characters in length. You can assign the Speed Dial numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (See “*Restriction*” on page 139 for more information).

---

**Tip:** Speed Dial **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

---

### *Open Contacts*

- In Standby mode, press **Menu**, then select **Contacts**. The following options appear in the display:

## Adding a New Contacts Entry

You can use either of three methods to add an entirely new entry to Contacts.

### *Dial Method*

1. In Standby mode, enter the number you wish to add to your Contacts.
2. Press **Save**.

The following options appear in the display:

- **Create New:** Lets you create a new Contacts entry.
- **Update Existing:** Lets you add the number you entered to an existing Contacts entry.

3. Select **Create New**. The **Create New** screen appears in the display showing the following icons:



**Mobile**



**Home**



**Work**



**Pager**



**Fax**

4. Select the number type that matches your new entry.
5. Use the keypad to enter a name to associate with the Contacts entry.

---

**Tip:** To add a picture or image to a Contact that will identify that Contact as originator of a new call, For more information, refer to “*Adding a Picture ID*” on page 47.

---

6. Press **Save** to save the new entry.

#### Add to an Existing Entry

1. From the **Save** screen, select **Update Existing**. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.
2. Find and select the Contacts entry to which you want to add the new number. (See “*Finding a Contacts Entry*” on page 48 for more information.)
3. The following number type options appear in the display:



**Mobile**



**Home**



**Work**



**Pager**



**Fax**

Number types that are already assigned a number show the number instead of the number type label.

4. Select the desired unassigned number type. The **Edit Contacts** screen appears with the selected Contact's information in the display and with the new number posted in the appropriate number type field.
5. Press **Save** to save your changes to the existing entry.




## *Saving a Number After a Call*

Once you finish a call, you can store the caller's number to your Contacts list.

---

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

---

1. Press  to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press **Save**. 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 you entered to an existing Contacts entry.
3. Select the desired option, then follow the instructions in the preceding sub-sections depending on whether the number is a new entry or you are adding it to an existing entry.

## *Menu Method*

1. From the **Contacts** menu, select **Add New Entry**.

The **New Contact** screen appears in the display with the **Name** field highlighted.

2. Enter the name of the new entry using either keypad. (See *“Entering Text”* on page 38 for more information.)
3. Highlight one of the following fields:
  - **Mobile**
  - **Pager**
  - **Ringtone**
  - **Home**
  - **Email**
  - **Fax**
  - **Work**
  - **Group**
4. Enter a phone number or Email address in the highlighted field.
5. Repeat steps 3 and 4 as needed.
6. Press **Save** to save the new entry.

## *Calls Log Method*

1. Display the desired Calls log. (For more information, refer to *“Calls Logs”* on page 34.)
2. Highlight the Call whose number you want to add to your Contacts.
3. Press **Options**, and select **Save**.
4. Repeat Steps 2 through 6 of *“Dial Method”* on page 43.

## Adding a Picture ID

To add a picture or image to a Contact that will identify that Contact as originator of a new call, do the following:

1. Follow the instructions in the preceding sections to add a number as a new Contacts entry or to an existing entry.
2. In the **New Contact** or **Edit Contact** screen, highlight the Picture field at the top of the screen.
3. Press **Set**. The My Images list appears in the display. (For more information, refer to *“Using My Images”* on page 90.)

---

**Tip:** To take a new picture, press **Camera**. (For more information, refer to *“Taking Pictures”* on page 81.)

---

4. Select the desired picture or image. You are returned to the **New Contact** or **Edit Contact** screen with the selected picture or image at the top of the screen.

## Finding a Contacts Entry



### *Menu Method*

1. From the **Contacts** menu, select **Find**. The Contacts **Find** screen appears in the display.

---

**Tip:** You can also access the Contacts **Find** screen directly from Standby mode, by pressing **Contacts**.

---

2. Enter the first few letters of the name you want. A list of Contacts with matching names appears in the display.
3. Highlight the desired Contact.
4. To dial the Contact:
  - Press  to dial the Contact's default number.
  - To dial another of the Contact's numbers, press **View**, highlight the desired number, and press .
5. To edit the Contact information, press **Edit**.



## Voice Method


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

---

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

---

1. In Standby mode, press and hold  to launch **Voice SVC**.  
“**Say a Command**” appears in the display and is pronounced through the speaker.
2. Say “**Lookup**”.  
Voice SVC prompts you to “**Say the name.**”
3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts 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. (See “*Choice Lists*” on page 120, for more information.)
  - To say the name again, press **Repeat**.
  - To exit VoiceSignal without dialing, press .

5. The contact information for the name you selected appears in the display.
- To dial the number associated with the name, press .
  - To erase this entry from your Contacts list, press **Erase**.
  - To add or change information for this entry, press **Edit**.
  - For more options, press **Options** and the following options pop-up in the display:
    - **Send Txt Msg**
    - **Send Pic Msg**
    - **Call**
    - **Send Name Card Via Bluetooth**

## Quick Search Method

1. In Standby mode, and with **Quick Search** phone setting set to **On**, press the numeric keys that correspond to the first few letters of a Contact's name.


---

**Note:** For more information, refer to “Quick Search” on page 142.

---

For example, to search for “Sally” you would enter



2. Press the Navigation key Up. The Contacts **Find** screen appears in the display with the first matching Contact name in a list and highlighted.
3. Highlight the desired Contact and press  to call them.

## Shortcut Key Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.


1. In Standby mode, press the Navigation key Up (Contacts shortcut).

The **Find** screen appears in the display with the **Go To** field and the first Contacts entry highlighted.


---

**Tip:** You can also access the **Find** screen from the **Contacts** menu by selecting **Find**.

---

2. Enter a name *as entered in Contacts*. For example, if you saved the name as "Amy Smith", begin the search by pressing  or (for "A").

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

3. When the desired entry is listed in the display, highlight the entry.
  - To dial the default number associated with the name, press .

---

**Tip:** You can select another number assigned to the name by using the Left/Right navigation keys.

---

- To add or change information for this entry, press **Edit**.
- To show information about the entry, press **VIEW** ()
- For more options, press **Options**.




## Editing a Contacts Entry

### *Editing Contacts Name and Numbers*

1. Find the Contacts entry you wish to change. See “*Finding a Contacts Entry*” on page 48 for more information.
2. Highlight the entry and press **Edit**. The **Edit Contact** screen appears in the display.
3. Highlight the particular information you want to add or change.
4. When you’re finished changing the contents of a field, press **Save**. Your changes are saved and a confirmation message appears in the display.

## Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

1. From the **Edit Contact** screen, select and edit the desired number. (See “*Editing a Contacts Entry*” on page 53 for more information.)
2. Press **Options**. The following pause options appear in the display:
  - **Wait:** A hard pause (waits for input from you). Press  to resume the dialing sequence.

---

**Note:** You can enter multiple Waits to allow you to make multiple inputs to automated systems. Keep in mind that pauses count as digits towards the 32-digit maximum.

---

- **2-Sec Pause:** A 2-second pause after which dialing resumes.


---

**Note:** You can enter multiple 2-Sec Pauses to extend the length of a pause. For example, two consecutive 2-Sec Pauses cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

---

3. Select the desired pause to add it to the number sequence.
4. When you're finished entering information, press **Save** to store the number to Contacts.

## Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply recall the number from Contacts.
2. If you stored the number using Wait(s), recall the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press  to dial the number.

## *Edit an Existing Email Address*

1. From the **Edit Contact** screen, highlight the **Email** field. (See “*Editing a Contacts Entry*” on page 53 for more information.)
2. Use either keypad to edit the Email address. (See “*Entering Text*” on page 38 for more information.)
3. Press **Save** to save your changes.

## *Assigning a Picture to a Contacts Entry*

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

1. From the **Edit Contact** screen, highlight the **Picture ID** field (at the top of the **Edit Contact** screen), then press **Set**.

A photo gallery screen appears in the display, showing a series of thumbnail photos. (See “*Using My Images*” on page 90 for more information.)

2. Select the picture that you wish to assign to the Contacts entry. If there is no usable picture in the photo gallery screen, do the following:
  - Press **Camera**. The camera viewfinder screen appears in the display.
  - Press **Take**. The picture you have taken appears in the display.
  - Press **OK**.The Contacts entry screen appears in the display with a thumbnail view of the selected picture in the Picture ID field.
3. Press **Save** to save your Picture ID assignment.







### *Assigning a Ringtone to a Contacts Entry*

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assign when you receive a call from that Contact instead of the Voice Calls ringtone.

1. From the **Edit Contact** screen, highlight the **Ringtone** field, then press **Set**. The **My Ringtones** list appears in the display.
2. Select the ringtone that you wish to assign to the Contacts entry. The Contacts entry screen appears in the display with the name of the selected file in the **Ringtone** field.
3. Press **Save** to save the ringer assignment to the selected Contacts entry.

## Speed Dial


A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers. For example:

- To speed dial the Contacts entry assigned to Location 5, press and hold , (1-touch dialing).
- To speed dial the Contacts entry assigned to Location 35, press  then press and hold , (2-touch dialing).
- To speed dial the Contacts entry assigned to Location 235, press , press , then press and hold , (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

## Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (see *"Adding a New Contacts Entry"* on page 43) until you enter a name for the entry.
2. After entering the Contacts entry name, *do not press* . Instead, highlight the number field to be assigned a Speed Dial number.
3. Press **Options**, then select **Set Speed Dial**. The **Speed Dial** screen appears in the display.
4. Highlight an **Unassigned** Speed Dial number or enter an **Unassigned** Speed Dial number in the **Go To** field using either keypad.

---

**Important!** Do not enter Speed Call numbers 1, 211, 311, 411, 611, or 911. These numbers are already assigned to Voicemail (1), Information (411), Customer Care (611), and to emergency use (911).

---

5. Press **Set**. You are prompted to confirm your Speed Dial number assignment.
6. Press **Yes** to save your Speed Dial assignment and return to the **Add New Entry** screen.  
Press **No** to discard the assignment and return to the **Speed Dial** screen.
7. Press **Save** to save your changes.

## *Changing a Speed Dial Location*

1. Find the Contacts entry you want to edit. See *“Finding a Contacts Entry”* on page 48 for more information.
2. Highlight the desired entry, then press **Edit**.
3. Highlight the number field marked by the Speed Dial icon (⚡).
4. Press **Options**, then select **Remove speed dial**. **“Remove speed dial?”** prompts you to confirm your desire to remove the entry.
5. Press **Yes** to remove the Speed Dial assignment. **“Speed Dial Removed”** pops up in the display, and you are returned to the **Edit Contact** screen.
6. Do steps 2 through 7 of the “Assignment During Entry Creation” procedure on page 58.

## Contacts Groups

Contact Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

### *Add Contacts Entry to a Group*

#### Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry (see *“Adding a New Contacts Entry”* on page 43 for more information) that you want to add to a Group.

– or –

Edit an existing Contacts entry (see *“Editing a Contacts Entry”* on page 53 for more information) that you want to add to a Group.

2. Highlight the **Group** field, then press **Set**. The Select Group screen displays Groups similar to the following:
  - **No Groups**
  - **Colleague**
  - **Friends**
  - **Business**
  - **Family**
3. Select the Group to which you want to assign the selected Contact. You are returned to the **Add New Entry/Edit Contact** screen and the selected Group name populates the **Group** field.
4. Press **Save** to save your changes.




## Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. From the **Contacts** menu, select **Group**.

The **Group List** screen appears in the display showing Groups similar to the following:

- **No Groups**
- **Colleague**
- **Friends**
- **Business**
- **Family**

2. Highlight a Group, then press **Options**. The following options appear in the display:
  - **Send Txt Message**
  - **Send Pic Message**
  - **Rename**
  - **Erase**
  - **Add**
3. Select **Add**. The **Add Contacts** screen appears in the display showing a list of Contacts entries.
4. Do one of the following:
  - Highlight a Contacts entry you want to add to the group, then press **MARK** (). A check mark appears in the entry's check box. Repeat as needed to check all the desired Contacts.
  - Press **Options**, then select **Mark All**.

---

**Note:** To unmark a marked Contact, highlight the Contact and press **MARK** () to clear the check mark.

---

5. When you have marked the Contacts you want to add to the group, press **Done**. “**Contact added to group**” appears in the display, followed by the selected Group list including the added Contacts.

### *Rename a Group*

The Rename option lets you change the name any of the Groups, except **No Groups**.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Highlight a Group name (other than **No Groups**) that you wish to change, then press **Options**.
3. Select **Rename**.

The **Rename Group** screen appears in the display.

4. Enter changes to the group name using either keypad. (See “*Entering Text*” on page 38 for more information.)
5. When you have completed your changes to the Group name, press **Save**.

“**Group Renamed**” appears in the display followed by the Group List screen showing your renamed Group.

## *Add a New Group*

The **New** option lets you add Groups.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Press **New**. The **New Group** screen appears in the display.
3. Enter a new group name using either keypad. (See “*Entering Text*” on page 38 for more information.)
4. Press **Save**. “**Group Saved**” appears in the display followed by the Group List screen showing your new Group.

## *Erase a Group*

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Highlight the Group you wish to delete, then press **Options**, and select **Erase**.

You are prompted to confirm the Group erasure.

3. Press **Yes** to confirm erasure of the highlighted Group. Press **No** to retain the Group.

---

**Note:** When you delete a Group, the assigned Contacts entries return to **No Groups**.

---

## Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (See “*Finding a Contacts Entry*” on page 48 for more information.)
2. Highlight the desired entry, then press **Options** and select **Erase**. The phone prompts you to confirm the erasure.
3. Press **Yes** to confirm erasure of the selected Contact. Press **No** to retain the Contact.

## Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

- From the **Contacts** menu, select **Memory Info**.

The **Memory Info Contacts** screen appears in the display showing the amount of memory Used and remaining (Free) for Contacts entries.

## Section 7: Camera

---

Use your phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends. This section explains how you can do the following:


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

### Taking Pictures

Taking pictures with the built-in camera is as simple as launching it, choosing a subject, pointing the lens (located on the front of your phone's flip, near the hinge), 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 and hold the Camera key () on the right side of the phone.

The camera view finder screen displays. (For more information, refer to “*Screen Layouts*” on page 85.)

---

**Tip:** You can also activate the camera by pressing **Menu**, then select **Multimedia → Camera**.

---

2. Point the camera at your subject and center it in the viewfinder.
3. Press the Camera key () or press **Take** to take a photo. The photo appears in the display.
4. Press **Save** to save the picture to memory.
5. Press **Send** to send the photo as part of a Picture message. (For more information, refer to “*Point, Click, and Send Pictures*” on page 84.)
6. Press **Cancel** to erase the photo.


---

**Tip:** You can change a number of the camera’s settings to suit particular uses for your pictures. (For more information, refer to “*Camera Screen Icons*” on page 85.)

---

## 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.


1. In Standby mode, press and hold the Camera key () on the right side of the phone. The camera view finder screen appears in the display. (For more information, refer to “Screen Layouts” on page 85.)

---



**Tip:** You can also activate the camera by pressing **Menu**, then select **Multimedia** → **Camera**.

---

2. Press **Options**, then highlight  /  /  / . The following options appear in the display:
  - **Single Shot:** Take one photo with each press of the Camera button.
  - **Series Shot:** Lets you take a series of 5 photos automatically.
  - **Mosaic Shot (2x2 / 3x3):** Lets you take a mosaic of 1 to 9 photos.
  - **Frame Shot:** Lets you select any of 29 colorful frames and include your selected frame with the photo.



When you select a **Series Shot** option, a Series Shot progress bar () appears in the display.

3. When you select a **Mosaic Shot** option, a Mosaic Shot progress matrix ( / ) appears in the display.

4. Center the subject in the viewfinder, then press the Camera key  to take the picture. The camera takes one picture (**Single Shot**) or lets you take multiple pictures (**Series Shot** or **Mosaic Shot 2x2 / 3x3**).
5. Press **Save / Done** to save the picture(s) to memory.
6. Press **Cancel** or **CLR**  to discard the pictures.

### *Point, Click, and Send Pictures*

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

1. In Standby mode, press and hold the Camera key (). The camera view finder screen appears in the display.
2. Center the subject in the viewfinder, then press the Camera key  to take the picture.  
The photo review screen displays.
3. Press **Send**.
4. Enter the recipient's phone number or Email address using the keypad.
5. Press **OK** to save the address(es).
6. Select other message fields as needed. (For more information, refer to *"Send Picture Messages in Camera Mode"* on page 69.)
7. Press **Send** to send the Picture message.



## Screen Layouts

### Camera Screen

When you activate your phone's camera, the top two lines of the display are reserved for camera icons (when active). The center of the display shows a viewfinder image of the subject at which the camera is pointed.



### Camera Screen Icons

The following icons appear in the Camera screen when the **Icon Display** Camera setting is set to **Display All** or when you press **Options** to access Camera options and settings.



**Shooting Mode:** Indicates/changes Camera shooting mode to take **Single** pictures (shown) or multiple pictures in **Series Shot** ( ) or **Mosaic Shot** ( ) succession, or in **Frame Shot** mode ( .



**Resolution:** Indicates/changes the Camera resolution setting (in pixels) [**640x480** (shown), **320x240** ( )], **128x96** ( .

---

**Note:** The Size setting affects Zoom. When Camera resolution is set to 640x480 pixels, Zoom is not available.

---



**Night Shot:** Indicates/changes whether your phone is ready to take photos in low light: **Off** (shown) or **On** (☀).



**Self Timer in use:** Delays the camera shutter for 2/5/10 seconds (**10 Sec.** shown) after you press the Camera key (📷).



**Quality:** Indicates/changes camera's picture quality setting (**Super Fine** shown). Other options are: **Fine** (F) and **Normal** (N).



**White Balance:** Indicates/changes the current photo White Balance setting (**Auto** shown), **Sunny** (☀), **Cloudy** (☁), **Tungsten** (💡), **Fluorescent** (💡).



**Color Effects:** Replaces the natural colors with shades of a selected color (**Normal**, **Black&White**, **Sepia**, **Negative**, **Green**, or **Aqua**).



**Settings:** Displays/changes Camera Settings which let you select photo **Auto Save** (Off / On), **Icon Display** (Display All / Guidelines / No Icons), **View Mode** (Landscape / Portrait), **Shutter Sound** (Off / Shutter 1 / Shutter 2 / Shutter 3), **Reset Settings** (Yes / No).



**Zoom:** Enlarges the image from x00 (normal) to x07.



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


**Photo Limit:** Indicates the available number of photos you can take. (Depending on the camera **Resolution** and **Quality** settings.)

## Camera Options and Settings

To access the Camera options and settings, do the following:

1. From the Camera viewfinder screen, press **Options**.

The Camera options menu appears at the top of the screen.



2. To access Camera settings, from the Camera options menu, press the Navigation key left or right to highlight .

The Settings menu appears in the display.



## 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. From the Camera viewfinder screen, press **Gallery**. Any pictures that were saved are listed with their thumbnail images in the display.
2. Press **Camera** to launch the Camera and take new pictures.
3. Press **VIEW** to view a picture.
4. Press **Options** to view these additional selections:
  - **Send**: Send the currently highlighted or displayed image as part of a Picture Message or Via Bluetooth connection.
  - **Set** : Assign the currently highlighted or displayed image as the Main Wallpaper, as the Picture ID for a Contact, or the Front Wallpaper.
  - **Erase images**: Delete one or more marked images from the My Images folder.
  - **Rename**: Change the name of the picture file.
  - **Lock/Unlock**: Prevent/allow erasure of the currently highlighted or displayed image.
  - **Slide Show**: View all picture files as an automatic slide show.
  - **Image info** : View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.
5. Select the desired option to perform its function or to enter its sub-menu.

## Section 8: Multimedia

---

Use your phone's Camera to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends.

With Mobile Shop, you can download personalized ringtones, pictures, and more. For more information, contact your Wireless Provider.

### Accessing Multimedia

- ▶ In Standby mode, press **Menu** → **Multimedia**.

The following Multimedia feature sub-menus appear in the display.

### Camera

Lets you launch and set up your phone's camera. (For more information, refer to "*Camera*" on page 81.)

## Using My Images

My Images lets you manage your photos and pictures you download, and lets you choose the pictures that appear in your phone's display when you turn it on or off, while in Standby mode (wallpaper), and as image IDs for your contacts.

1. In Standby mode, press **Menu** → **Multimedia** → **My Images**. A multiple-page matrix of thumbnail views of saved photos and images appears in the display.
2. Press **Camera** to take new photos.

– or –

Highlight an image and press **VIEW** () to expand the image to full screen.

## *My Images Options*

From the My Images list, press **Options** to access the following:

- **Send:** Send image as part of a Picture message or via Bluetooth connection to another device. (See “*Send Picture Messages in Camera Mode*” on page 69 for more information.)
- **Set As:** Assign a highlighted or displayed image as the Main Wallpaper, as the Picture ID for a Contact, or the Front Wallpaper.
- **Erase Images:** Delete one or more marked images from the My Images folder.
- **Rename:** Change the name of the picture.
- **Lock / Unlock:** Prevent/allow erasure of the currently highlighted or displayed image.
- **Slide Show:** View all picture files as an automatic slide show.
- **Image Info:** View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.



## Using My Ringtones Gallery

My Ringtones lets you assign Ringtones for calls, alarms, and other alerts.

1. In Standby mode, press **Menu → Multimedia → My Ringtones**. A list of recorded sound files and Ringtones appears in the display.
2. Highlight a ringtone, press **Options** and select one of the following:
  - **Ringtone Info** to display the title, files size, file type, and date for this recorded sound file or ringtone.
  - **Send Pic Msg**: Preloaded Ringtones only. Send this Ringtone as part of a Picture Message.

### *Recording a Sound File*

Record New lets you record sound files.

1. In Standby mode, press **Menu → Multimedia → My Ringtones → Record New**. The **Record New** screen appears in the display.
2. Press **Rec** () to record a sound file.
3. Press **Pause /Resume** to pause/resume recording.
4. Press **Save** () to stop recording and save the sound file.




## Section 9: Web

---

This section outlines how to launch the Browser and Brew web functions, how to navigate to web pages and Brew screens, and how the keys on the keypad are used with these web functions.

### Browser

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


### *Stored Web Content*

The Browser 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 the Browser

1. In Standby mode, do one of the following to launch **Browser**:
  - Press the Navigation key Left (Browser shortcut).
  - or —
  - Select **Menu → Browser → Get In Web**.

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

### *Exit Browser*

- To exit the **Browser**, press .



### Using the Browser

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

### *Browser soft keys*

At the bottom of the Browser display is a bar that contains browser commands. The Left and Right ( ) soft keys on the keypad are used to execute the commands that appear in their respective corners of the display. These are called “soft keys” because their functions change 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 Browser Keys Work

The following table lists Browser keys and their functions.



**Navigation Key** — Use to browse lists and options.



**Clear Key** — Press once to back up one page. Press and hold to go back to home page. Press once to clear the last number, letter, or symbol entered. Press and hold to completely clear the entry.



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



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



**Number 1 thru 0** — Use the number keys to select items in a menu if they are numbered.



**End Key** — Press to exit the Browser 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.

### *Browser Options*

- ▶ From any screen you can press **Menu** and select from the following list of options:
  - **Home**: displays the home page.
  - **Back**: returns the previously viewed URL.
  - **Forward**: displays the next URL page in history.
  - **Bookmarks**: allows you to mark this URL site.
  - **Refresh**: refreshes the screen so you can see any updated information.
  - **Go URL**: allows you to enter a URL address, then launches the URL.
  - **Send Link**: sends this URL link to one of more specified recipients via Text message.
  - **History**: displays recent URL history.
  - **Show URL**: displays the current URL information.
  - **Save Items**: displays a list of the items (such as graphics) and allows you to save those items.
  - **Clear**: allows you to clear the URL Cache, History, Cookies, or Auto Fill.

## Shop

With Shop, you can check the weather, buy tones or wallpaper or check out the latest news stories, and all from the front page of Mobile Web.

You can also use Shop to obtain games and other applications for your phone.

---

**Note:** For more information, contact your Wireless Provider.

---

### *Launching Shop*

- ▶ In standby mode, press **Menu → Shop → Shop**. The Shop screen appears in the display with **Mobile Shop** highlighted.


## Applications Shopping and Downloading

Download games, ring tones, Email, and more using Mobile Shop.

---

**Note:** For information on airtime charges, contact your Wireless Provider.

---

1. At the Shop menu, select **Mobile Shop** (  ).

---

**Note:** The first time you access Mobile Shop, “**Browsing online and downloading apps may incur network usage charges**” appears in the display along with instructions on how to remove this message.

---


Your phone takes a moment to connect, then the Mobile Shop Catalog menu appears in the display.

2. Select Follow the instructions in your phone's display.

Please check with your Wireless Provider for availability of applications.

## Changing Your Brew Settings

Use the **Settings** menu in Mobile Shop to manage, move, order applications, and much more.

1. At the Brew menu, select **Settings** (  ). The following options appear in the display:
  - **Order Apps**: Download applications over the network.
  - **Move Apps**: Move previously downloaded applications between available folders.
  - **Manage Apps**: View used and available memory.
  - **Main Menu View**: Select whether to view the main Mobile Shop menu in a list or icon format.
  - **View log**: View the Mobile Shop log, which displays information about recent activity using Mobile Shop.
2. Select the desired option to enter the option's sub-menu and view or change settings.

## Using On-line Help

The Help sub-menu within Brew is a short tutorial on several Brew-Mobile Shop features. View information about charges, cancelling subscriptions, buying apps, disabling apps, and more.

1. At the Brew menu, Select the **Help** ( ? ) icon. The **Help** subjects described in the following subsections appear in the display.
2. Select the desired Help subject to view the selected Help information.

### *Buying New Apps*

To buy new and exciting apps, visit the MobileShop catalog. It provides you with a variety of apps you can choose from.

### *What do I pay?*

When you buy an app, you will be charged for the purchase cost of the app and the network connections to download it.

### *Demo Apps*

A Demo app is free and is designed to demonstrate the app's main features. It usually expires after a certain period of time or a number of uses and often has limited functions. When you run a demo app, you will be presented with a purchase option so you won't have to look for the app in the MobileShop catalog.

## *Removing Apps*

You may remove apps that are no longer needed. When you remove an app, you cannot use the application unless you purchase it again. To remove an app, choose Settings → Manage Apps. Then, select the app you want to remove.

## *Disabled Apps*

You can install new apps even if the memory of your phone is full by partially removing (disabling) apps you haven't used recently. When you need to use a disabled app, you can restore it at no additional purchase cost.

## *Restoring Apps*

Disabled apps can be quickly restored at no additional purchase cost. To restore an app, run the application you want to restore from the Main Menu. You will be guided through the restoration process.

## *Expired Apps*

Apps that were purchased based on the number of uses or time expire. You can purchase additional uses from the MobileShop catalog.



## Section 10: Tools

---

This section explains how you can use your phone's Personal Information Manager (PIM) functions to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

### Accessing Your Phone's Tools

To launch the **Tools** menu:

- ▶ In Standby mode, press **Menu** → **Tools**.

### Bluetooth

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

- ▶ From the **Tools** menu, select **Bluetooth**.

## Turn Bluetooth On/Off

When Bluetooth is turned on, you can answer and place calls and send or receive information via Bluetooth.

---

**Note:** 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.

---


To turn Bluetooth support on:

1. In Standby mode, press **Menu** → **Tools** → **Bluetooth**, then select:

**Bluetooth Settings** → **Enable**

– or –

**Registered List** → **Add New Device**.

2. Press **Yes** at the “**Turn bluetooth on?**” prompt.  
“**Bluetooth set to on**” and the red Bluetooth On icon (  ) appear in the display.

To turn Bluetooth support off:

- From the **Bluetooth** menu, select **Bluetooth Settings** → **Disable**.

“**Bluetooth set to off**” appears in the display and the Bluetooth On icon (  ) disappears.




## *Registered List*

This list shows all Bluetooth wireless technology devices paired with your handset, and indicates whether any device is connected with your handset.


1. In Standby mode, press **Menu → Tools → Bluetooth → Registered List**.
2. Press **Yes** if Bluetooth is off, to turn Bluetooth on.
3. Press **No** to leave Bluetooth off and return to the **Bluetooth** sub menu.

A list of registered Bluetooth devices or the **Add New Device** screen appears in the display.

## Add (Pair With) a New Device

1. From the Registered List, select **Add New Device**.  
“**Place device you are connecting to in discoverable mode**” appears in the display. (See the device user manual for more information.)
2. Press . Names of available devices appear in the display.
3. Highlight the device you want and press **PAIR** (). You are prompted to enter the passkey or PIN for the selected device. (See the device user manual for the passkey or PIN.)
4. Enter the device passkey or PIN and press . Once pairing completes, you are prompted to connect with the device.
5. To connect with the device, press **Yes**.
6. Press **No** to return to the **Bluetooth** menu without connecting to the device.

## Connecting to a Registered (Already Paired) Device

1. From the Registered List, highlight the device and press .
2. Press **Yes** to retry. If you are unable to connect with the device a pop-up appears in the display.

## Disconnecting from a Bluetooth Device

- From the Registered List, highlight the device and press **Off**.


## Managing Your Registered List

- From the Registered List, highlight a device and press **Options**. The Options let you Remove or Rename this device, set Incoming Security, Discover what Bluetooth profiles apply, review Device Information, Send a Name Card (Contact information), and get files from this device.

## Bluetooth Settings

The **Bluetooth Settings** menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

To access Bluetooth settings:

- In Standby mode, press **Menu** → **Tools** → **Bluetooth** → **Bluetooth Settings**. The following options appear in the display:
  - **Enable / Disable**: Turns Bluetooth on or off. (For more information, see “Turn Bluetooth On/Off” on page 102.)
  - **Discovery Mode**: Select **On** for other devices to see your device, or **Off** for no visibility.
  - **Device Name**: Shows the handset name. You can change this name. Enter the text and press .
  - **Supported Profiles**: Lists and describes the Bluetooth profiles your phone supports.
  - **Device Info**: Shows the Bluetooth Type, Status, and Address of your phone.

## Calendar

Calendar allows you to view the current, past, or future month in calendar format. 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 **Menu** → **Tools** → **Calendar**. A calendar appears in the display with the current date highlighted. The month and year appear at the top of the display.
2. To move around within the calendar, use these keys:
  - To move to an individual day, one day or one week at a time, use the Navigation key, Jog Wheel, or Arrow keys.
  - Press the Up volume key to view previous months.
  - Press the Down volume key to view future months.
  - Press **Add** to add an event to the highlighted date.
  - Press **View** () to call up a list of events on the highlighted date.
  - Press **Options** to access other options while viewing the calendar. You can Go to a Date by entering it, return to Today's date, Erase Old events, or all events.
3. Press **View** () to display the highlighted event.
  - Press **Edit** to change the event details. (See “Add a New Event”.)
  - Press  to return to the Events list.
  - Press **Options** for more options. You can return to the Monthly/Weekly calendar, or Erase this event or Erase all events from the calendar.

## Add a New Event

1. From the **Calendar**, press **Add**.
  2. Press the Navigation key Up or Down to highlight New Event options.
  3. Enter the Appointment Name of the new event. (For more information, refer to “*Entering Text*” on page 38.)
- 

**Note:** The current mode of text entry is indicated in the lower left corner of the display.

---

4. Enter the **Start Date**, using leading zeros (such as, 03) and a 4-digit year (such as, 2009).
  5. Enter the **Start Time**, using leading zeros (such as, 03).
    - Press the Navigation key Left or Right to select **AM** or **PM**.
  6. Repeat Steps 4 and 5 for the **End Date** and **End Time**.
  7. Select a **Recurrence** value (**Once** / **Daily** / **Weekly** / **Monthly** / **Yearly**) for this event.
  8. To select values for the **Alert** type, **Alert** tone, **Reminder**, and **Alert time** options, use the Left and Right Navigation keys or arrow keys.
  9. Press **SAVE** () to store the event in your calendar.
- 

**Tip:** An alarm will notify you prior to the event, provided you set **Reminder** to a value other than **Off**.

---

## Memo Pad

Create notes and store them in Memo Pad. Notes that you create in Return to Memo Pad anytime to review and edit your notes.

---

**Note:** Memo Pad can't be prioritized or assigned an alert.

---

- From the **Tools** menu, select **Memo Pad**. If you have any stored memos, they appear as a list in the display.

### *Create a Memo*

1. In Standby mode, press **Menu** → **Tools** → **Memo Pad**.
2. Press **Add**.
3. Enter memo text using the keypad.

---

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

---

4. Press  to save the memo.



## *Review, Edit, and Erase Memos*

1. From the Memo Pad list, highlight the desired memo and select one of the following actions:

- Press **Add** to add a new memo. (For more information, refer to “*Create a Memo*” on page 108.)

- Press **VIEW** () to review the highlighted memo.

While viewing a memo, you can do any of the following:

- Press **Edit** and use the keypad keys to change the text of the memo. (For more information, refer to “*Entering Text*” on page 38.)

- Press  to return to the Memo Pad screen.

- Press **Options** to Erase the memo you are viewing, Add a New Memo, or Lock/Unlock the memo you are viewing.

- Press **Options** and select the desired options to Edit or Erase a memo, Erase all memos, or Lock / Unlock a memo.


## Alarm Clock

Your phone lets you have up to 10 alarm clocks that can each be set to go off at a different time once, or to recur on a select day of the week.

---

**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 while the phone is off, the alarm occurs at the specified time on the next day.

---

1. In Standby mode, press **Menu → Tools → Alarm Clock**, then select:  
**Add**  
– or –  
**Options → Add new alarm.**
2. Press the Navigation key Left/Right to set the alarm **Off** or **On**.
3. Enter the time for the alarm, then use press the Navigation key Left/Right or use the Left/Right arrow keys to select **AM** or **PM**, the alarm **Frequency** (**Daily**, **Mon.-Fri.**, **Weekends**, or **Once**), the **Ringer** type (**Tone**, **Vibrate**, **Light Only**), and the ringtone (from **My Ringtones**).
4. Press **Save**. If the alarm is set to **On**, the alarm icon () displays on the top of the screen.

## *When an Alarm Sounds*

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

- To silence the alarm, use select **Snooze** or **Dismiss**.
- 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 Once only alarm, the alarm icon disappears from the top of the display.

## *Turn Off the Alarm*

1. In Standby mode, press **Menu** → **Tools** → **Alarm Clock**.
2. Highlight the desired Alarm, then press **Options** and select to turn the alarm **On** / **Off** (without changing the settings), to **Add new alarm**, to **Erase this alarm**, or to **Erase all** of the alarms.

## *World Time*

World Time lets you view the time of day or night in any of the 24 different time zones around the world.

---

**Note:** To use World Time, you need to subscribe to your Wireless Provider's digital service.

---



- In Standby mode, press **Menu** → **Tools** → **World Time**. A world map appears in the display, showing the time and date in one or two cities or time zones.

## *Selecting/Displaying Time Zones*

World Time lets you view the time and date in up to two locations or time zones.

### *Viewing a Time Zone*

To view the time and date in a particular time zone or location, do the following:


- ▶ Locate and view a particular time zone by pressing the Navigation key Left or Right until the desired time zone appears in the display.
- Press  to set the displayed time zone as the default time zone for the second World Time clock.
- Press  to return to the **Tools** menu without changing the default time zone.

### *Selecting a Home Zone*

To change home (upper) time zone or location, do the following:

1. In the **World Time** screen, display the time zone you wish to make your Home Zone.
2. Press **Options** and select **Set as home zone**.

### *Enable Daylight Saving Time (DST)*

1. Display the desired time zone.
2. Press **DST On / DST Off**.
3. Press  to accept the highlighted setting.




## Calculator

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

---


**Note:** You must use the phone keypad to use the Calculator.

---

1. In Standby mode, press **Menu** → **Tools** → **Calculator**. The Calculator screen appears in the display.
2. Enter the first number in your calculation using the keypad. (Numbers can be up to 15 digits long. Up to 5 of the digits can be after a decimal point.)
  - Press  to enter a decimal point.
  - Press  to change the sign for a number to a negative.
  - Press **Operator** to add parentheses **[ ( ) ]** to your calculation or to enter a **Power** exponent (**^**), such as  $3^2$ , which is the equivalent of  $3^2$ .
  - Press **Clear** to clear current entries.
3. Select a type(s) of calculation.
  - **[ x ]** Multiplication: Press Navigation key Up.
  - **[ ÷ ]** Division: Press Navigation key Down.
  - **[ + ]** Addition: Press Navigation key Right.
  - **[ - ]** Subtraction: Press Navigation key Left.
4. Enter the other number(s) and press  to perform the calculation and view the result.

## Stop Watch

You can use this function to set a stop watch.

1. In Standby mode, press **Menu → Tools → Stop Watch**. The **Stop Watch** screen appears in the display.
2. Press  to start, stop, and resume the stopwatch count.
3. At the start of each succeeding event/lap, press **Record** to record the completion time for the previous event/lap. You can record up to eight event/lap times.
4. Press **Reset** to reset the stop watch and to erase all stop watch (lap) times recorded.

## Converter

The **Converter** lets you convert one measure of the available categories (**Currency, Length, Weight, Volume, Area, and Temperature**) into another.

1. In Standby mode, press **Menu → Tools → Converter → Currency / Length / Weight / Volume / Area / Temperature**.
2. Use the Navigation/Arrow keys to select the units to be converted **From** and **To**.
3. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

---

**Note:** Press  to include a decimal point.

---

## *Currency — Reviewing/Editing Exchange Rates*

The Currency Converter includes long-term average exchange rates as default values.

1. In Standby mode, press **Menu** → **Tools** → **Converter** → **Currency**.
2. Press **Rate** to open the **EXCHANGE RATE** list.
3. To edit an Exchange Rate:
  - Press **Edit**.
  - Highlight an exchange rate, and enter any changes.
  - Press **OK** to save the changed exchange rate.
  - Press **Cancel** to discard the change.

## *Currency — Adding Exchange Rates*

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies.

1. In Standby mode, press **Menu** → **Tools** → **Converter** → **Currency**.
2. Press **Rate** to open the **EXCHANGE RATE** list.
3. Press **Add**. The **ADD EXCHANGE RATE** screen appears in the display with the **Base** field highlighted.
4. Use the Left and Right navigation/arrow keys to select the **Base** currency to be converted from.
5. Highlight the **Currency** field, and enter an identifier of up to 5 characters for the new currency using either keypad. (For more information, refer to “*Entering Text*” on page 38.)

6. Highlight the **Exchange Rate** field, and enter a decimal exchange rate for the new currency using either keypad.

---

**Note:** Press  to enter the decimal point.

The **Exchange Rate** field only accepts up to five digits after the decimal point.

---

7. Press **Save** 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 **Menu** → **Tools** → **Converter** → **Currency**.
2. Press **Rate**. The **EXCHANGE RATE** list for the **From** currency appears in the display.
3. Use the Up and Down navigation keys to highlight the user-added currency exchange rate to be erased.
4. Press **Erase**. You are prompted to confirm the erasure.

---

**Note:** The **Erase** soft key is undefined for preloaded Exchange Rates. This prevents you from erasing them.

---

5. Press **Yes** to erase the exchange rate.  
— or —  
Press **No** to keep the exchange rate.



## Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
  - Individual payment (for groups)
1. In Standby mode, press **Menu** → **Tip Calculator**. The **Tip Calculator** screen appears in screen, with the **Bill** field highlighted.
  2. Use the keypad to enter the total amount of the bill.
  3. If needed, highlight the **Tip** field, and enter a tip percentage.
  4. If needed, highlight the **# Paying** field, and enter the number of persons paying.
  5. The amount of the Tip, the final Total, and the amount Each person should pay appear in the lower half of the screen.

## Section 11: Voice SVC

---


### Voice SVC Options

Your phone includes Nuance Vsuite, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools. To access your phone's voice recognition, do the following:

1. In Standby mode, select **Menu → Voice SVC**. The following options appear in the display:
  - **Voice Command:** Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Voice Dialing"* on page 28 for more information.
  - **Voice Settings:** Lets you tailor Vsuite to better respond to your voice and your phone use preferences. See *"Voice Settings"* on page 120 for more information.
2. Select the desired sub-menu.

### Voice Command

To access the Voice Command menu, do one of the following:

1. In Standby mode, press and hold .
2. From the **Voice SVC** menu, select **Voice Command**.  
"Say a Command" appears in the display and plays through the earpiece, followed by a list of available commands.

---

**Tip:** You can also set your phone to start VoiceSignal when you connect an optional headset to the phone. (For more information, see “*Voice Launch*” on page 124.)

---

The following voice commands appear in the display:

- **Call:** Call a Contact by saying the name saved in your Contacts list. Call any telephone number, even if not saved in your Contacts list, by saying the digits in the number. (See “*Voice Dialing*” on page 28 for more information.)
- **Send Text:** Lets you access Create Text Message.
- **Send Picture:** Lets you access Create Picture Message.
- **Lookup:** Lets you find a Contact by name and review the Contact’s information.
- **Go to:** Lets you access the following features and functions of your phone: **Contacts, Calls, Messages, Brew, Browser, VoiceSVC, Multimedia, Tools, and Settings.**
- **Check:** Lets you say a single command (such as “**Status**”) to verify your phone’s: **Status, Signal, Coverage, Battery, or My phone #.**

---

**Note:** Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognize the 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 Settings

To access the Voice Settings menu:

- From the **Voice SVC** menu, select **Voice Settings**.

### *Choice Lists*

When Vsuite cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one. To change the way Vsuite uses choice lists:

- From the **Voice Settings** menu, select **Choice Lists**, and select one of the following:
  - **Automatic:** Vsuite displays a choice list only when it does not recognize a spoken name or number.
  - **Always On:** Vsuite always displays a choice list, even when there is only one choice.
  - **Always Off:** Vsuite never displays a choice list.

### *Sensitivity*

1. From the **Voice Settings** menu, select **Sensitivity**.
2. Use the Up and Down navigation keys to adjust the selected Sensitivity setting incrementally between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.

## *Digit Dialing*

If you regularly have trouble with Vsuite not recognizing the numbers you speak, 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.


---

### Tips for Adapting Digit Dialing:

- Use Adapt Digits in a quiet place.
- 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. From the **Voice Settings** menu, select **Digit Dialing → Adapt Digits**. Your phone displays text describing the Adapt Digits process.
2. Press . Your phone displays the first digit sequence and “**Please say**” plays through the speaker followed by the four digits appearing in the display.
3. Wait for the beep and 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.

4. After confirming that the recording sounds “ok”, continue the recording process with the next set of digits.
5. After 10 sets of digits, the phone asks whether you want to do more adaptation.

If you answer “**Yes**,” repeat steps 4 and 5 for another 10 sets of digits. After the second group of 10 sets of digits, “**Adaptation complete**” plays through the speaker and you are returned to the **Digit Dialing** menu.



## Reset Digits

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

1. From the **Voice Settings** menu, select **Digit Dialing → Reset Digits**. The phone prompts you to confirm digit reset.
2. Press **OK** to reset your digit adaptation, or press **Back** to cancel.





## Sound

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

1. From the **Voice Settings** menu, select **Sound**. The following options appear in the display:
  - **Prompts**: On/Off. Enables or disables audio prompts.
  - **Digits**: On/Off. Enables or disables digit playback.
  - **Names**: On/Off. Enables or disables name playback.
  - **Name Settings**: Lets you adjust the **Speed** (**Faster** or **Slower**) and **Volume** (**Louder** or **Softer**) of your phone's audio name playback.
2. Select the desired option and the desired setting, or press  to accept the new setting.
3. Press  to discard the new setting and return to the **Sound** menu.

## *Voice Launch*

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

1. From the **Voice Settings** menu, select **Voice Launch**. The following options appear in the display:
  - **Key Only**: Press and hold  to activate Vsuite for one call.
  - **Key/Ear Mic**: Attach a headset to your phone. Press and hold  to activate Vsuite. Now, you can make and end calls using VoiceSignal by pushing the button on the headset.
2. Press  to accept the new setting. Press  to discard the new setting and return to the **Voice Settings** menu.

## *About*

- From the **Voice Settings** menu, select **About**.

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



## Section 12: Changing Your Settings

---

This section explains how to configure your phone's language, network preferences, security options, and other settings.

To launch the **Settings** menu:

- ▶ In Standby mode, press **Settings**.

The **Settings** menu appears in the display.

### Location Setting

You can set your phone to pass Global Positioning System (GPS) data to identify your location to the network continually (**Location On**) or only when you make an emergency (911) call (**911 Only**).

---

**Note:** Check with your Wireless Carrier to determine if/when/where location-based services are available.

---

### Display Settings

Display settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

To launch the **Display Settings** menu:

- ▶ In Standby mode, press **Settings → Display Settings**.

The **Display Settings** menu appears in the display.

## Wallpaper

Wallpaper lets you choose images to appear in the background on your phone's **Main Display** and **Front Display** while in Standby mode. You can choose from downloaded images in your **My Images** folder or from the **Preset Images** folder.

- ▶ In Standby mode, press **Settings → Display Settings → Wallpaper**.

---

**Note:** When you select **Front Display**, your Wallpaper selection automatically changes the **Clock Format** setting for the **Front Clock** to **Samsung**. (For more information, refer to “*Clock Format*” on page 126.)

---

## Clock Format

Clock lets you choose whether and in what format the time and date appear as the **Main Clock** [**Samsung**, **Digital** (default), **Analog**, **Off**] and/or the **Front Clock** [**Digital** (default), **Analog**, or **Samsung**] on your phone.

- ▶ In Standby mode, press **Settings → Display Settings → Clock Format**.

---

**Note:** The **Clock Format** setting for the **Front Clock** automatically changes to **Samsung** when you change the **Wallpaper** setting for the **Front Display**. (For more information, refer to “*Wallpaper*” on page 126.)

---

## Theme

Theme lets you choose the color scheme [**Samsung** (the default) or **Celestial**] used to display menu screens, pop-up menus, and messages.

- ▶ In Standby mode, press **Settings → Display Settings → Theme**.

## Dialing Font Size

Dialing Font Size lets you choose the size of the numbers [**Normal** (the default) or **Large**] that appear in the display when you place a call.

- ▶ In Standby mode, press **Settings → Display Settings → Theme**.

## Banner

Create your own 16-character personal greeting that appears in the display while your phone is in Standby mode.

- ▶ In Standby mode, press **Settings → Display Settings → Banner**.

---

**Tip:** Press and hold **CLR** to erase an existing banner, if necessary. (For more information, refer to “Entering Text” on page 38.)

---

## Backlight

You can set the **Main Display**, **Keypad**, and/or **Charging** backlight to stay on for 7, 15, or 30 seconds; to stay **Always On** as long as the folder is open; or to stay **Always Off**. You can also set the **Brightness** of the backlight for the displays and keypad.

- ▶ In Standby mode, press **Settings → Display Settings → Backlight**.

---

**Note:** Prolonged backlight use drains your battery faster.

---

### *Front Contrast*

Front Contrast lets you set the Front display contrast to enhance its readability.

- ▶ In Standby mode, press **Settings → Display Settings → Front Contrast**.

### *Sounds Settings*

Sounds settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

To launch the **Sound Settings** menu:

- ▶ In Standby mode, press **Settings → Sound Settings**.

The **Sound Settings** menu appears in the display.

### *Master Volume*

Use the **Master Volume** screen to set the default volume for Voice Calls ringers, Messages alerts, and Alarms to the desired level (**Silence All**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, or **High**) or vibrate mode (**Vibrate**, or **Vib. on / Vib. off** soft key).

- ▶ In Standby mode, press **Settings → Sound Settings → Master Volume**.

## *Ringer Type*

Use the **Ringer Type** sub-menu to select ringtones, melodies, or recorded sounds to play as ringers for **Voice Calls** and **Messages** (Text, Picture, and Voicemail). You can play each ringtone, melody, or recorded sound before you select one.

- ▶ In Standby mode, press **Settings → Sound Settings → Ringer Type**.

## *Alerts*

You can set your phone to sound an alert for each elapsed minute during a call, whenever you enter or leave your home service area, whenever you connect or disconnect a call, and when you power your phone on or off.

- ▶ In Standby mode, press **Settings → Sound Settings → Alerts**.

## *Key Tone*

Lets you adjust the volume level and duration (length) of the tones that the keypad generates when you press the keys.

- ▶ In Standby mode, press **Settings → Sound Settings → Key Tone**.

## Call and Phone Settings





The Call Settings options let you select how your phone handles voice and data calls. The Phone Settings options let you tailor your phones basic operations.

## Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry, Data rates for data calls, and more.

- ▶ In Standby mode, press **Settings → Call Settings**.

### *Call Answer*

You can set your phone to answer incoming calls only when you press ; when you press any key on the keypad except , , or ; or when you open the flip.

- ▶ In Standby mode, press **Settings → Call Settings → Call Answer**.

### *Auto Answer*

Auto Answer lets you set your phone to automatically answer calls after from 1 to 5 seconds.

- ▶ In Standby mode, press **Settings → Call Settings → Auto Answer**.

### *Auto Retry*

Auto Retry automatically re-dials a number at an interval you select, when there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone redials a number may vary.

- ▶ In Standby mode, press **Settings → Call Settings → Auto Retry**.

## TTY Mode

Your phone is fully Teletypewriter (TTY)/Telecommunication Device for the Deaf (TDD) compatible. You connect TTY/TDD equipment to the headset connector on the top of your phone, behind the folder hinge. You can set your phone to allow TTY/TTD communication while you converse with the other party, or you can limit voice communication to Talking or Hearing only.

- ▶ In Standby mode, press **Settings** → **Call Settings** → **TTY Mode**.

---

**Note:** **TTY Mode** must be enabled before you can use your phone with TTY/TDD equipment.

The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

---

## Voice Privacy

**Voice Privacy** lets you choose what level of voice security (**Standard** or **Enhanced**) your phone will use. When set to **Enhanced**, your phone sounds an alert tone if the network's voice security level drops to **Standard**.

- ▶ In Standby mode, press **Settings → Call Settings → Voice Privacy**.

---

**Tip:** You can change your Voice Privacy setting during a call by using the **In-Use Menu** options. (See “*In-Use Menu*” on page 33 for more information.)

You can set your phone to alert you when Voice Privacy support changes. (For more information, refer to “*Alerts*” on page 129.)

---

## Phone Settings

You can set or reset the operating characteristics of your phone to suit your location and/or to limit access to your phone.

- ▶ In Standby mode, press **Settings → Phone Settings**.




## *Airplane Mode*

When set to **On**, Airplane Mode disables all radio functions of your phone. This blocks you from making or receiving calls other than Emergency (911) 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.

- ▶ In Standby mode, press **Settings → Phone Settings → Airplane Mode**.

---

**Tip:** If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press .

---

## *Language*

The **Language** option lets you select the language (**English** or **Español**) of menus, sub-menus, and other user-interface features.

- ▶ In Standby mode, press **Settings → Phone Settings → Language**.

## *Security*

Use the **Security** sub-menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options.

To access the Security sub-menu, you are prompted to enter your phone's four-digit lock code.

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.

---

**Note:** The default lock code is the last four digits of your mobile phone number.

---

## Lock Phone

The **Lock Phone** option lets you Lock or Unlock your phone immediately or set your phone to lock itself On Power Up.

Locking the phone blocks all outgoing calls except those to 911 and to any other user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency numbers). (For more information, refer to “*Emergency #*” on page 137.)

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.
3. Select **Lock Phone**.

---

**Important!:** If after setting your phone to Lock itself On Power Up, you change the **NAM Selection** setting from **NAM1** to **NAM2**, but there is no number programed into **NAM2**, you won't be able to access your phone. You must call your Wireless Provider's Service Center to unlock your phone.

---

## Change Lock

**Change Lock** lets you replace your phone's default lock code (the last four digits of your phone number) with one of your own choosing.

It is advisable to change the default lock code to a secret code for security purposes.

When you select **Change Lock**, you are prompted to enter the current lock code followed by entering your new lock code, and then re-entering it, for verification.

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.
3. Select **Change Lock**.

---

**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 #

The **Emergency #** option lets you enter and store up to three emergency numbers in your phone. Each number can be up to 32 digits long. You can dial your emergency numbers any time, even when your phone is locked or restricted.

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

---

**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 you hear an audible tone 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.


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

---

## *Storing Emergency Numbers*

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.
3. Select **Emergency #**.
4. Select one of the three emergency number options, and enter and save your new emergency number.

## *Making Emergency Calls*

- ▶ In Standby mode, enter the Emergency Number (911, \*911, or #911) and press .

## Reset Phone

The **Reset Phone** option returns all settings on your phone (except for Contacts entries) to their factory default values.

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.

---

**Caution!** Before selecting **Reset Phone**, contact your Wireless Carrier. **Reset Phone** may erase settings made by your Wireless Carrier and result in loss of service.

---

3. Select **Reset Phone**.

## Erase All Entries

The **Erase All Entries** option deletes all entries from the Contacts list.

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.
3. Select **Erase All Entries**.

## Restriction

The **Restriction** option settings let you Allow All **Calls**/Allow calls only to/from your Contacts/Allow No **Calls** (Incoming and Outgoing), Allow All/None **SMS** (Text) **Messages**, Allow All/None **MMS** (Picture) **Messages**, and/or Allow All/Allow None **Data** calls.

1. In Standby mode, press **Settings → Phone Settings → Security**.
2. Enter the default lock **Code**.
3. Select **Restriction**.
4. Select one of the following restrictions: Allow All **Calls**/Allow calls only to/from your Contacts, Allow No **Calls** (Incoming and Outgoing), Allow All/None **SMS** (Text) **Messages**, Allow All/None **MMS** (Picture) **Messages**, and/or Allow All/Allow None **Data** calls.

---

**Note:** All default restriction settings are **Allow All** (unrestricted).

---

## *NAM Selection*

The **NAM Selection** option lets you select your preferred system (**NAM 1** or **NAM 2**), provided your phone has a NAM 2 number programmed into it. (For more information, contact your Wireless Provider.)

1. In Standby mode, press **Settings → Phone Settings → NAM Selection**.
2. Select **NAM1** or **NAM2** and press **OK**.

---

**Important!** If after setting your phone to Lock itself On Power Up, you change the **NAM Selection** setting from **NAM 1** to **NAM 2**, but there is no number programmed into **NAM 2**, you won't be able to access your phone. You must call your Wireless Provider's Service Center to unlock your phone.

---

## *System Select*

The **System Select** option lets you disable or enable your phone's ability to roam (that is, automatically select a network to use when outside of your Home Area).

1. In Standby mode, press **Settings → Phone Settings → System Select**.
2. Select **Home Only** (roam local area only) or **Automatic** (roam outside the local area).



## Set Date

Use the **Set Date** options to set the current date displayed on your phone.

1. In Standby mode, press **Settings → Phone Settings → Set Date**.
2. Enter the date in the format specified on the screen (mm/dd/yyyy).

## Set Time

Use the **Set Time** options to set the current time displayed on your phone.

---

**Note:** In digital service mode, the **Set Time** feature is disabled. The network adjusts time and date automatically.

With **Airplane Mode** set to **On**, the **Set Time** feature is enabled.

---

1. In Standby mode, press **Settings → Phone Settings → Set Time**.
2. Enter the date in the format specified on the screen in a 12-hour format (hh:mm).
3. Use the Left and Right navigation keys to select **AM** or **PM**.

## Speed Dial

The **Speed Dial** option lets you disable (**Off**) or enable (**On**) speed dialing of Contacts. (For more information, refer to “*Speed Dialing*” on page 28.)

## *Quick Search*

When set to **On**, the **Quick Search** option provides an easy way to find Contacts from Standby mode.

- ▶ In Standby mode, press the number keys that correspond to the first few letters of a Contact name, then press the Navigation key Up (to find a matching Contact).

## *Shortcut Key*

You can program the Shortcut key and use it as a shortcut to your favorite application. You can reprogram the key at any time.

1. In Standby mode, press **Settings → Phone Settings → Shortcut Key**.
2. Select **Down Key**, **Left Key**, **Right Key**, or **Up Key**, then select the application to associate with this key and press **OK**.

## *Memory Info*

**Memory Info** options let you review the total phone memory used and available, and the phone memory used to store images, ringtones, applications, and Picture messages.

- ▶ In Standby mode, press **Settings → Phone Settings → Memory Info**.

## Phone Info

**Phone Info** lets you review the phone number assigned to your phone; lets you reference the meanings of icons that display on your phone's Standby mode screen; lets you identify the hardware and software versions of your phone, the phone's software, and the assigned MEID number (in Decimal and Hexadecimal formats); and lets you review the Open Source License for this phone.

- ▶ In Standby mode, press **Settings → Phone Settings → Phone Info**.

## Section 13: 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 Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit 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:

- **Head:** 0.49 W/Kg.
- **Body-worn:** 0.60 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](http://www.fcc.gov/cgb/sar).

Please Note the Following Information When Using Your Handset

#### **1. WARNING REGARDING DISPLAY**

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

## **2. WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. For more information, refer to “*Standard Limited Warranty*” on page 180

### **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://mobile.samsungusa.com/recycling/index.jsp> or 1-800-822-8837 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 1/1/2010):

- 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/>
- World Health Organization (WHO):  
<http://www.who.int/peh-emf/>
- International Commission on Non-Ionizing Radiation Protection:  
<http://www.icnirp.de>
- Health Protection Agency:  
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration:  
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>

## 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 website [www.ctia.org](http://www.ctia.org).

---

**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, use 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 your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

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

**American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: [info@audiology.org](mailto: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

Email: [nidcdinfo@nih.gov](mailto:nidcdinfo@nih.gov)

Internet: <http://www.nidcd.nih.gov/>

## **National Institute for Occupational Safety and Health (NIOSH)**

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: [cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov)

Internet: <http://www.cdc.gov>

1-888-232-6348 TTY

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.

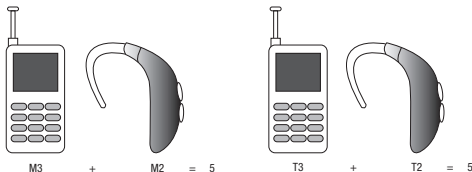
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate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

### **NFPA (National Fire Protection Agency)**

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: <http://www.nfpa.org>

## *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 appears in the display. 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 102.
- 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 14: Warranty Information

---

### Standard Limited Warranty

#### **What is Covered and For How Long?**

SAMSUNG TELECOMMUNICATIONS 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, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural items, including framing, and any non-



operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (i) any other acts which are not the fault of SAMSUNG; or (j) Product used or purchased outside the United States. 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 original 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 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 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 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. 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 THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE

QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

©2010 Samsung Telecommunications America, LLC. All rights reserved.

No reproduction in whole or in part allowed without prior written approval.  
Specifications and availability subject to change without notice. [021710]

## End User License Agreement for Software

**IMPORTANT. READ CAREFULLY:** This End User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Samsung Electronics Co., Ltd. for software owned by Samsung Electronics Co., Ltd. and its affiliated companies and its third party suppliers and licensors that accompanies this EULA, which includes computer software and may include associated media, printed materials, "online" or electronic documentation ("Software"). BY CLICKING THE "I ACCEPT" BUTTON (OR IF YOU BYPASS OR OTHERWISE DISABLE THE "I ACCEPT", AND STILL INSTALL, COPY, DOWNLOAD, ACCESS OR OTHERWISE USE THE SOFTWARE), YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA. IF YOU DO NOT ACCEPT THE TERMS IN THIS EULA, YOU MUST CLICK THE "DECLINE" BUTTON, DISCONTINUE USE OF THE SOFTWARE.

1. **GRANT OF LICENSE.** Samsung grants you the following rights provided that you comply with all terms and conditions of this EULA: You may install, use, access, display and run one copy of the Software on the local hard disk(s) or other permanent storage media of one computer and use the Software on a single computer or a mobile device at a time, and you may not make the Software available over a network where it could be used by multiple computers at the same time. You may make one copy of the Software in machine-readable form for backup purposes only; provided that the backup copy must include all copyright or other proprietary notices contained on the original.

**2. RESERVATION OF RIGHTS AND OWNERSHIP.** Samsung reserves all rights not expressly granted to you in this EULA. The Software is protected by copyright and other intellectual property laws and treaties. Samsung or its suppliers own the title, copyright and other intellectual property rights in the Software. The Software is licensed, not sold.

**3. LIMITATIONS ON END USER RIGHTS.** You may not reverse engineer, decompile, disassemble, or otherwise attempt to discover the source code or algorithms of, the Software (except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation), or modify, or disable any features of, the Software, or create derivative works based on the Software. You may not rent, lease, lend, sublicense or provide commercial hosting services with the Software.

**4. CONSENT TO USE OF DATA.** You agree that Samsung and its affiliates may collect and use technical information gathered as part of the product support services related to the Software provided to you, if any, related to the Software. Samsung may use this information solely to improve its products or to provide customized services or technologies to you and will not disclose this information in a form that personally identifies you.

**5. UPGRADES.** This EULA applies to updates, supplements and add-on components (if any) of the Software that Samsung may provide to you or make available to you after the date you obtain your initial copy of the Software, unless we provide other terms along with such

upgrade. To use Software identified as an upgrade, you must first be licensed for the Software identified by Samsung as eligible for the upgrade. After upgrading, you may no longer use the Software that formed the basis for your upgrade eligibility.

6. SOFTWARE TRANSFER. You may not transfer this EULA or the rights to the Software granted herein to any third party unless it is in connection with the sale of the mobile device which the Software accompanied. In such event, the transfer must include all of the Software (including all component parts, the media and printed materials, any upgrades, this EULA) and you may not retain any copies of the Software. The transfer may not be an indirect transfer, such as a consignment. Prior to the transfer, the end user receiving the Software must agree to all the EULA terms.

7. EXPORT RESTRICTIONS. You acknowledge that the Software is subject to export restrictions of various countries. You agree to comply with all applicable international and national laws that apply to the Software, including the U.S. Export Administration Regulations, as well as end user, end use, and destination restrictions issued by U.S. and other governments.

8. TERMINATION. This EULA is effective until terminated. Your rights under this License will terminate automatically without notice from Samsung if you fail to comply with any of the terms and conditions of this EULA. Upon termination of this EULA, you shall cease all use of the Software and destroy all copies, full or partial, of the Software.



9. **DISCLAIMER OF WARRANTIES.** You expressly acknowledge and agree that use of the Software is at your sole risk and that the entire risk as to satisfactory quality, performance, accuracy and effort is with you. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE SOFTWARE IS PROVIDED "AS IS" AND WITH ALL FAULTS AND WITHOUT WARRANTY OF ANY KIND, AND SAMSUNG AND ITS LICENSORS (COLLECTIVELY REFERRED TO AS "SAMSUNG" FOR THE PURPOSES OF SECTIONS 9, 10 and 11) HEREBY DISCLAIM ALL WARRANTIES AND CONDITIONS WITH RESPECT TO THE SOFTWARE, EITHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, OF SATISFACTORY QUALITY OR WORKMANLIKE EFFORT, OF FITNESS FOR A PARTICULAR PURPOSE, OF RELIABILITY OR AVAILABILITY, OF ACCURACY, OF LACK OF VIRUSES, OF QUIET ENJOYMENT, AND NON-INFRINGEMENT OF THIRD PARTY RIGHTS. SAMSUNG DOES NOT WARRANT AGAINST INTERFERENCE WITH YOUR ENJOYMENT OF THE SOFTWARE, THAT THE FUNCTIONS CONTAINED IN THE SOFTWARE WILL MEET YOUR REQUIREMENTS, THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE SOFTWARE WILL BE CORRECTED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY SAMSUNG OR A SAMSUNG AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY. SHOULD THE SOFTWARE PROVE DEFECTIVE, YOU ASSUME THE ENTIRE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR LIMITATIONS ON

APPLICABLE STATUTORY RIGHTS OF A CONSUMER, SO THESE EXCLUSIONS AND LIMITATIONS MAY NOT APPLY TO YOU.

10. EXCLUSION OF INCIDENTAL, CONSEQUENTIAL AND CERTAIN OTHER DAMAGES. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL SAMSUNG BE LIABLE FOR PERSONAL INJURY, OR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES WHATSOEVER, OR FOR LOSS OF PROFITS, LOSS OF DATA, BUSINESS INTERRUPTION, OR FOR ANY PECUNIARY DAMAGES OR LOSSES, ARISING OUT OF OR RELATED TO YOUR USE OR INABILITY TO USE THE SOFTWARE, THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT OR OTHER SERVICES, INFORMATION, SOFTWARE, AND RELATED CONTENT THROUGH THE SOFTWARE OR OTHERWISE ARISING OUT OF THE USE OF THE SOFTWARE, OR OTHERWISE UNDER OR IN CONNECTION WITH ANY PROVISION OF THIS EULA, HOWEVER CAUSED, REGARDLESS OF THE THEORY OF LIABILITY (CONTRACT, TORT OR OTHERWISE) AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF LIABILITY FOR PERSONAL INJURY, OR OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU.

11. LIMITATION OF LIABILITY. Notwithstanding any damages that you might incur for any reason whatsoever (including, without limitation, all damages referenced herein and all direct or general damages in contract or anything else), the entire liability of Samsung under any provision of this EULA and your exclusive remedy hereunder shall be limited to the greater of the actual damages you incur in reasonable

reliance on the Software up to the amount actually paid by you for the Software or US\$5.00. The foregoing limitations, exclusions and disclaimers (including Sections 9, 10 and 11) shall apply to the maximum extent permitted by applicable law, even if any remedy fails its essential purpose.

**12. U.S. GOVERNMENT END USERS.** The Software is licensed only with "restricted rights" and as "commercial items" consisting of "commercial software" and "commercial software documentation" with only those rights as are granted to all other end users pursuant to the terms and conditions herein.

**13. APPLICABLE LAW.** This EULA is governed by the laws of TEXAS, without regard to conflicts of laws principles. This EULA shall not be governed by the UN Convention on Contracts for the International Sale of Goods, the application of which is expressly excluded. If a dispute, controversy or difference is not amicably settled, it shall be finally resolved by arbitration in Seoul, Korea in accordance with the Arbitration Rules of the Korean Commercial Arbitration Board. The award of arbitration shall be final and binding upon the parties.

**14. ENTIRE AGREEMENT; SEVERABILITY.** This EULA is the entire agreement between you and Samsung relating to the Software and supersedes all prior or contemporaneous oral or written communications, proposals and representations with respect to the Software or any other subject matter covered by this EULA. If any provision of this EULA is held to be void, invalid, unenforceable or illegal, the other provisions shall continue in full force and effect.

## *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 Rd.

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)

©2010 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.



## A

**Accessing Call and Phone Settings** 129

**Accessing Your Phone's Tools** 101

**Adding a New Contacts Entry**

Dial Method 43

Menu Method 46

**Adjust**

Key Tone 129

**Alarm Clock**

When an Alarm Sounds 111

**Alarm clock**

Turn Off the Alarm 111

**Alerts** 129

**Applications Shopping and Downloading** 97

**Apps**

Buying 99

Disabled 100

Expired 100

Removing 100

Restoring 100

**Auto Answer** 130

**Auto Retry** 130

## **B**

**Backlight** 127

**Banner** 127

**Battery** 8

Charging 9

Low Battery Indicator 11

Removal 9

Travel Adapter 10

**Browser**

How Browser Keys Work 95

Launching the Browser 93

Using Links 95

Using the Browser 94

## **C**

**Calculator** 113

**Calendar**

View an Event 106

**Call and Phone Settings Menu**

Accessing 129

**Call Answer** 31, 130

**Call Functions**

Answering a Call 30

Making a Call 25

**Call Notification Types** 31



## **Call Settings**

Auto Answer 130

Auto Retry 130

Call Answer 130

TTY Mode 131

Voice Privacy 132

## **Call Timer 36**

## **Call Waiting 32**

## **Calls**

Call Timer 36

Data Counter 36

Erase Logs 35

Incoming 34

Missed 34

Outgoing 34

Store Numbers 37

## **Calls Menu 34**

## **Camera**

Photo Gallery 88

Taking Pictures 81

## **Change Lock 136**

## **Contacts 42**

Add Pauses 54

Adding 43

Deleting 64

Edit Name and Numbers 53

Editing 53  
Erase All 139  
Finding 48  
Groups 60  
Memory Info 64  
Opening 42  
Saving Call Numbers 45  
Speed Dial 57

**Create Messages 65**

## **D**

**Data Counter 36**

**Data, View Counters 36**

**Dialing Font Size 127**

**Display 125**

**Display Screen Icons 21**

**Display Setting**

Dialing Font 127

**Display Settings**

Backlight 127

Banner 127

Dialing Font Size 127

Front Contrast 128

Theme 127

Wallpaper 126

**Draft Folder 73**

**Draft Messages 73**

## **E**

**Edit Contacts Name and Numbers** 53

**Emergency** 137

**Emergency Numbers** 137

**Entering Text**

Entering Symbols 41

Using Abc Mode 40

Using T9 Mode 39

**Erase All Entry** 139

**Erase Logs** 35

**Exit Browser** 94

## **G**

**Gallery, photo** 88

**General Message Settings** 77

**Getting Started**

Activating Your Phone 12

Understanding this User Manual 6

Voicemail 13

**Go Back One Menu** 24

**GPS Setting** 125

## **H**

**HAC** 166

**Health and Safety Information** 144

## I

### Icons

Number Type 43, 44

**Ignore Calls** 32

**Inbox Folder** 72

**Inbox, Reviewing Messages** 72

**Incoming Calls Menu** 34

**International Calls** 26

## L

**Language** 133

**Launching Shop** 97

**Lock Code, Changing** 136

**Lock Phone** 135

## M

**Memory Info** 142

**Memory Management** 142

### Message Folder

Draft Box 73

Inbox 72

Outbox 73

Voice 71

Voicemail 71

### Message folder

outbox 73

## **Message Settings**

General 77

Picture 78

Text 78

## **Messages**

Creating 65

**Messages and Lock Mode** 70

**Missed Calls Menu** 34

**M-Ratings** 167

**Msg Setting Sub Menu** 77

## **N**

**Navigation Key Shortcuts** 24

**Notes and Tips** 6

**Notes, Description** 6

**Number Type Icons** 43, 44

## **O**

**On-line Help** 99

**Outbox Folder** 73

**Outgoing** 34

## **P**

**Pause Dial** 27, 55

**Pauses, Adding** 54

**Phone Safety** 164

## **Phone Settings**

Airplane Mode 133

Language 133

NAM Selection 140

Quick Search 142

Security 134

Set Date 141

Set Time 141

System Select 140

## **Photos**

Sending 84

Taking Multi Shot Pictures 83

Taking Snap Shots 82

**Picture Message Setting 78**

**Picture Message Settings 68**

## **Picture Messages**

Send in Camera Mode 69

## **R**

**Receive Text Messages 70**

**Reset Your Phone 138**

**Restriction 139**

**Return to Last Menu 24**

**Reviewing Inbox 72**

**Ringer Type 129**

## **S**

**SAR values 144**

**Save a Number After a Call 45**

**Screen Layouts 85**

## **Security Settings**

- Change Lock 136
- Emergency # 137
- Erase All Entries 139
- Lock Phone 135
- Reset Phone 138
- Restriction 139

## **Security Sub Menu 134**

### **Settings**

- Auto Answer 130
- Auto Retry 130
- Backlight 127
- Banner 127
- Brew 98
- Call Answer 130
- Language 133
- Location Setting 125
- Memory Info 142
- Ringer Type 129
- TTY Mode 131
- Voice Privacy 132
- Volume 128
- Wallpaper 126

## **Settings, Picture Messages 68**

## **Settings, Text Messages 66**

## **Silence Ringer 32**

## **Sound Settings**

Ringer Type 129

Volume 128

**Standard Limited Warranty** 180

**Store Numbers After a Call** 45

**Storing emergency numbers** 138

## **T**

**Taking pictures** 81

**Text Conventions** 7

**Text Entry Mode** 38

Changing 38

**Text Message Settings** 66, 78

**Text Messages, Receiving** 70

**Three-Way Calling** 26

**Timer, Calls** 36

**Tip, Description** 6

## **Tools**

Add New Event 107

Alarm Clock 110

Calculator 113

Memo Pad 108

World Time 111

## **Tools Menu**

Accessing 101

**T-Ratings** 167

**TTY Mode** 131



## U

**UL Certification** 147

### **Understanding Your Contacts**

- Adding a New Contacts Entry 43
- Contacts Groups 60
- Deleting a Contacts Entry 64
- Editing an Existing Contacts Entry 53
- Finding a Contacts Entry 48
- Memory Info 64
- Save a Number After a Call 45
- Speed Dial 57

### **Understanding Your Phone**

- Closed View of Your Phone 15
- Display Screen 20
- Features of Your Phone 14
- Open View of Your Phone 17

## V

**View an Event, Calendar** 106

**Voice Privacy** 132

### **Voice Setting**

- About VoiceSignal 124
- Choice Lists 120
- Sensitivity 120
- Sound 123
- Voice Launch 124

**Voicemail**

Checking 71

Folder 71

Listening to 13

**Volume** 128

**W**

**Wallpaper** 126

**Warranty Information** 180

**World Time** 111