

SCH-R312 Series

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.



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Section 1: Getting Started

This section explains how to start using your Samsung SCH-R312 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 114.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 103.

Notes and Tips



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

- **Notes** — Explain alternative options within the current feature, menu, or sub-menu.
- **Tips** — Provide quick or innovative methods for performing functions related to the subject at hand.

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

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icon appear in place of repeatedly-used 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: Select **Settings** → **Call Settings** → **Call Answer**.

Installing the Battery

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

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




1. Insert the top end of the battery first, matching the gold contacts on the inside of the battery to those on the phone.
2. Press lightly on the bottom end of the battery down into the phone until it slips into place.

3. Place the battery over the battery (1) and press lightly upward (2) until it clicks into place.



Removing the Battery

1. Press and hold  to turn off the phone (if on).
2. Press down on the battery cover (1) and slide the cover toward the bottom end of the phone. Lift the cover (2) up and away from the phone, bottom end first.



3. Lift the bottom of the battery up (1) and away (2) from the phone.



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



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


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 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.

Three bars () indicate a full charge.

An empty battery icon () indicates a near empty battery.


A blinking empty battery icon () and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to use your phone without charging its battery, the phone 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. If closed, open your phone, as shown.
2. Press . The display lights.

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.


- The phone begins searching for a network signal.
- Once the phone finds a signal, the time, date, and day appear at 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.

Turning Your Phone Off

1. If closed, open your phone.



2. 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 Voicemail account has been set up, you can use the Voicemail folder (under the Message menu) to view details of voice messages in your Voicemail box.

To dial Voicemail:

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

Listen to Voicemail

- ▶ In standby mode, press and hold  or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting. You are prompted to enter your password.

Section 2: Understanding Your Phone

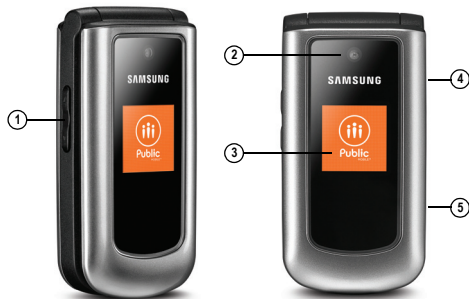
This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology (see Note)
- Global Positioning System (GPS) Technology
- PIM Functions
- Text (SMS) Messaging
- Email Messaging
- Built-in VGA Digital Camera
- Voice Dial

Note: The R312 phone supports the wireless handsfree profile and the serial port profile for Bluetooth® wireless technology. The R312 does not support Bluetooth OBEX profiles.

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.
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. **Camera Key** — Launches the Camera feature of your phone and takes photos.
5. **Power / Accessory Connector** — Used to connect an optional headset (for hands free operation), or optional TTY device, charging accessories, or optional 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 voicemail.
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 / Speaker** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.

Command Keys


Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, Left () and Right (.




Left Soft Key

Some functions of the Left soft key () are as follows:





- In standby mode, press the **Msgs** soft key () to launch the **Messages** menu.
- When the Left soft key function is Edit, press the **Edit** soft key () to edit a Contacts entry.

Right Soft Key


Some functions of the Right soft key () are as follows:







- In standby mode, press the **Contacts** soft key () to launch the Contacts **Find** screen.
- When the Right soft key function is Options, press the **Options** soft key () and a pop-up menu appears.
- When the Right soft key function is Back, press the **Back** soft key () to back up one menu level.

OK Key


- In standby mode, press the **OK** key () to launch the Main Menu.
- In a menu, press  to accept the highlighted selection.
- In camera mode, press  to take a photo.
- When the **OK** key function is Edit, press the **Edit** key () to edit a Draft message.




Send Key

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




- Press  once to answer calls.
- Enter a number and briefly press  to make a call.
- Briefly press  in standby mode to display a list of recent calls and to answer a call from your phone.
- Press  twice in standby mode to call the most recent number.
- Press  to pick up a waiting call. Press  again to switch back to the other call.

Clear Key


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

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


End Key

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

Navigation Key

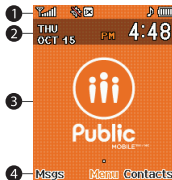
Use the directional keys on the Navigation key () to browse menus, sub-menus, and lists. Each directional key also acts as a shortcut to launch applications.


Camera Key

Use the Camera key () on the right side of the phone to activate the camera built into your phone and to take pictures.

Understanding the Display Screen

1. The top line of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more.
2. The Main Clock shows the day, date, and time.
3. The center portion of the display shows information such as call progress information, messages, and photos.
4. The bottom line of the display shows current soft key functions.




The sample screen shows that pressing the Left (**Msgs**) soft key will launch the Messages menu, pressing **OK** () will display the Main Menu, and pressing the Right (**Contacts**) soft key will show the Contacts **Find** screen.

Display Screen Icons

Your R312 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, press **Menu** () , then select **Settings** → **Phone Info** → **Icon Glossary**. A list appears showing the icons that can appear on the top line of the displays.

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

Note: During a phone call, the display backlight dims and turns off after 10 seconds to conserve battery power, regardless of the Backlight setting.

Your Phone's Modes



Standby Mode

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

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

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


Placing Calls in Standby Mode

1. To place a call while in standby mode, enter a phone number, and press .
2. To return to standby mode, press .

Receiving Messages in Standby Mode

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

- **View Now** — This selection allows you to view the messages now.
- **View Later** — This selection allows you to view the messages at a later date.

Highlight the desired viewing option and then press .

Adjusting the Ringer Volume

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



1. In standby mode, press the Volume key up or down to set the call ringer volume as desired.

Options are:




- **Ringer Off**
- **Vibrate**
- **Low**
- **Low/Medium**
- **Medium**
- **Medium/High**
- **High**
- **Vibrate/High**

When you are satisfied with the setting, press **SET**. Your phone returns to standby mode.

Tip: You can also enter the **Volume > Voice Calls** sub-menu by pressing **Menu** → **Sounds** → **Volume** → **Voice Calls**. Use the Volume key on the left side of your phone to adjust the ringer volume setting.

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

Call Answer Mode

You can choose to answer a call by pressing any key except  or , by pressing only , or by opening the phone's flip. (For more information, refer to "Call Answer" on page 84.)


Talk Mode

You can place and receive calls only when your phone is on. While in a call, your phone is in talk mode. Press the **Options** soft key to display a list of menu options. (For more information, refer to "The In-Use Options Menu" on page 22.)


Enter/Exit Silent Mode

Silences the tones your keypad makes when you press a key.


To enter Silent Mode:

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

To exit Silent Mode:

- ▶ While in Silent mode and standby mode, press and hold . "Exit Silent Mode" briefly appears in the display and your phone returns to standby mode.

Vibrate Mode

In standby mode, repeatedly press the Volume key () down until "Vibrate" appears in the display.

The Volume key is on the left side of phone.

Speakerphone Mode

Speakerphone mode increases the sound volume through the earpiece during a call. This lets you conduct a call handsfree, and/or lets you share a call with others.

To enter Speakerphone Mode:

- ▶ During a call, press the **Options** soft key, then select **Speaker On**. Choose the **Yes** or **No** from the pop-up menu.

Caution!: While in Speakerphone mode, hold your phone away from your ear.

To exit Speakerphone Mode:

- ▶ During a call, press the **Options** soft key, then select **Speaker Off**. Choose the **Yes** or **No** from the pop-up menu.

Handsfree Mode

Handsfree mode lets you operate your phone remotely, without touching it other than to turn it on or off.



To place your phone in Handsfree mode, do one of the following:


- Connect an optional wired headset.
 - or –
- Pair and connect with an optional Bluetooth technology headset or handsfree car kit. (For more information, refer to “Add New Device” on page 96.)

Camera Mode

Camera mode lets you take pictures with your phone's camera. In Camera mode, you can also adjust the resolution and appearance of your pictures.


(For more information, refer to “Camera” on page 63.)

- **Entering Camera Mode** — In standby mode, press and hold the Camera key () — on the right side of the phone.
- **Exiting Camera Mode** — Press .

Note: You can also enter Camera mode by pressing **Menu** () and selecting **Multimedia** → **Camera**.

Input mode

Input mode determines how you enter text, numbers, and symbols. While at any text entry screen, press the Left soft key, then choose the input mode from the pop-up menu using the Navigation key. Optional input modes are **T9 Word**, **Abc**, **ABC**, **123**, and **Symbols**. (For more information, refer to “Entering Text” on page 29.)

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


Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the Volume key. Unlock your phone by entering the lock code when prompted. (For more information, refer to “Change Lock” on page 88.)

Section 3: Call Functions


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

Making a Call — Number Entry Dialing

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

Dialing Emergency Numbers

To place an emergency call:

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

You can specify other numbers as emergency numbers using the **Emergency #** settings. (For more information, refer to “*Emergency #*” on page 88.)

Important! Emergency number 911 is preset into your phone. You can dial this number almost any time, even when the phone is locked or restricted.


If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

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

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


Dialing International Numbers


Call Another Country — 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

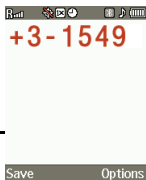
1. In standby mode, press and hold  until a plus sign (+) appears in the display.

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.


Tip: If you place most or all of your international calls to numbers in the same country, set-up the **International Dialing** shortcut to dial that country's code for you.

3. Enter the number that you wish to call, then press .




Manual Pause Calling


When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses.

- **2-Sec Pause** — P pause — A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.
- **Wait** — W pause — A hard pause stops the calling sequence until you press .

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

1. Enter the number you wish to call.
2. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
 - **2-Sec Pause** — a two-second pause.
 - **Wait** — a hard pause (awaits input from you).
3. Highlight the desired pause option.
4. To enter the highlighted pause into your number sequence, press .

Note: If you select **2-Sec Pause**, **P** appears in the display. If you select **Wait**, **W** appears in the display.


5. Press  to call the number.

Making a Call — Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's location number in the list. You can assign and change location (speed dial) numbers for your contacts. (See "Assignment During Entry Creation" on page 40.)



One-Touch Dialing

Speed Dial numbers 2 through 9 are special One-Touch dialing numbers. You can call the phone numbers stored in your phone's Contacts list and assigned Speed Dial numbers 2 through 9 by pressing and holding a single key.

Example: For Speed Dial number 3, press and hold the  key until the name and number appear in the display and the number is dialed.




Two-Touch Dialing

Memory locations 10 through 99 are special Two-Touch dialing locations.

Example: For location number 13, briefly press , then press and hold  until the name and number appear in the display and the number is dialed.

Three-Touch Dialing

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

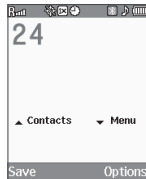
Example: For location number 113, briefly press , briefly press  again, then press and hold  until the name and number appear in the display and the number is dialed.

Pause Dialing From a Contacts Entry

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


Making a Call — Quick Search Dialing

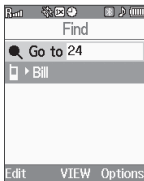
Use the **Quick Search** feature to dial any number stored in your Contacts list by pressing the number keys that correspond to the first few letters of a Contact name. (For more information, refer to "Quick Search" on page 90.)



Quick Search Dialing a Contact

To find and dial a Contact, do the following:

1. In standby mode, press the number keys that correspond to the first few letters of the Contact name, as shown.
2. Press the Up navigation key. The **Contact List** screen appears showing the desired Contact name, as shown.
3. If needed, use the Up and Down navigation keys to highlight the Contact you wish to call.
4. Press  to call the highlighted Contact.



Making a Call — Voice Dialing

Your R312 mobile phone includes state-of-the-art voice recognition software that lets you dial numbers using your voice.

Using Voice Dial


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

Voice Dialing Tips:

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

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold .

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

2. Say, “**Call**”.

You are prompted to “**Say the name or #**”.

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

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

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

4. Say **“Yes”** to confirm the name or **“No”** to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to *“Choice Lists”* on page 99.)

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

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


5. Say one of the following number types:

- **“Home”**
- **“Work”**
- **“Mobile”**

Voice Dial dials the specified number.

Dialing a Number

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

1. In standby mode, press and hold .

“Say a Command” appears in the display and is pronounced through the speaker.


2. Say **“Call”**.

VoiceSignal prompts you to **“Say the name or #”**.

3. Speak clearly and say the telephone number of the person you want to call. *For example, say “7 8 1 5 5 5 6 2 0 0.”*

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

4. Say **“Yes”** to confirm the number or **“No”** to hear the next one, or use the keypad to select the correct number from the list. (For more information, refer to *“Choice Lists”* on page 99.)

- To say the name again, press the **Repeat** soft key.
- To exit Voice Dial without dialing, press .

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains (two-second) T pause(s) simply wait for the pauses to pass and the dialing to complete.


- If you voice dial a contact that contains (hard) P pause(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).



Answering a Call

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

- A ring tone sounds and/or your phone vibrates (Your phone provides seven ring volume settings including: **Ringer Off, Vibrate, Low, Low/Medium, Medium, Medium/High, High,** or **Vibrate/High**, and/or different ring types to distinguish callers.)
- A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).
- If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.
- Your phone continues to notify you of the call until one of the following events occurs:
 - You answer the call.
 - You ignore the call.
 - The calling party ends the call.
 - The call is sent to voicemail.

Answering an Incoming Call

- ▶ Open the flip on your phone, if closed, and/or press . The ring tone and/or vibration stop and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to automatically answer calls or to answer calls when you press any key but the  key or automatically, as indicated by the Auto Answer icon (). (For more information, refer to "Call Settings" on page 84.)

The In-Use Options Menu

You can access numerous menus and features while in a call.

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

1. While in a call, press the **Options** soft key.

The following menu items appear in the display:

- **Message** — The **Messages** menu appears in the display. (For more information, refer to "Messaging" on page 45.)
- **Contacts** — The **Contacts Find** screen appears in the display.
- **Recent Calls** — The **All Calls Log** screen appears in the display.
- **Send DTMF** — Send your phone number as DTMF tones.

- **Speaker On / Off** — Enables/disables Speakerphone mode during this call. (For more information, refer to “*Speakerphone Mode*” on page 15.)

Do one of the following:

- Select the desired sub-menu or feature.
- Exit the menu by pressing **[OK]**.


Tip: You can block/restore sound going to the other parties on this call by pressing the **Mute / Unmute** soft key. This can reduce noise on conference calls.

Ignoring a Call

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

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


Adjusting the Call Volume

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

Calls Log

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


Review the Calls Log


1. In standby mode, press **Menu** () , then select **Calls**. The following Calls logs and options appear in the display:
 - **Outgoing Calls**
 - **Incoming Calls**
 - **Missed Calls**
 - **All Calls**
 - **Call Timer**
2. Select the Calls log that you wish to review or the function you wish to access.

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

Outgoing Calls


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

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

1. At the **Calls** menu, select **Outgoing Calls**. A list of your outgoing calls appears in the display.
2. Highlight a call, then press **OPEN** () to view the Name of the called party (if in the Contacts list), the number dialed, the time and date the call was placed, and the duration of the call (in minutes and seconds).
3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.
 - **Details** — Calls to Contacts Only — Shows the entry for the called Contact.
 - **Erase** — Erase the selected call from your Outgoing call log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase all** — Erase all calls from your Outgoing call log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, All Calls, Last Reset, and Lifetime Calls.
4. Press the **Msgs** soft key to launch **Create Txt Msg** and compose a message.

Incoming Calls

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

1. At the **Calls** menu, select **Incoming Calls**. A list of your Incoming calls appears in the display.
2. Highlight a call, then press **OPEN** () to view the Name of the caller (if in the Contacts list), the originating number, the time and date the call was received, and the duration of the call (in minutes and seconds).
3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.
 - **Details** — Calls from Contacts Only — Shows the entry for the calling Contact.
 - **Erase** — Erase the selected call from your Incoming calls log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase all** — Erase all calls from your Incoming calls log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, All Calls, Last Reset, and Lifetime Calls.

4. Press the **Msgs** soft key to launch **Create Txt Msg**.

Missed Calls

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

1. At the **Calls** menu, select **Missed Calls**. A list of your missed calls appears in the display.
2. Highlight a call, then press **OPEN** (**OK**) to view the Name of the caller (if in the Contacts list), the originating number, and the time and date the call was received.
3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.
 - **Details** — Calls from Contacts Only — Shows the entry for the calling Contact.
 - **Erase** — Erase the selected call from your Missed call log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase all** — Erase all calls from your Missed call log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, All Calls, Last Reset, and Lifetime Calls.

4. Press the **Msgs** soft key to launch **Create Txt Msg**.

All Calls

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

1. At the **Calls** menu, select **All Calls**. A list of all logged calls appears in the display.
2. Highlight a call, then press **OPEN** (**OK**) to view further information about the call.
3. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
 - **Save** — Save the number to your Contacts.
 - **Details** — Calls from Contacts Only — Shows the entry for the calling/called Contact.
 - **Erase** — Erase the selected call from your Calls log.
 - **Lock/Unlock** — Protect the selected call from being erased.
 - **Erase all** — Erase all calls from your Calls log.
 - **View Timer** — Shows the number of calls and/or the total time spent on the Last Call, Outgoing Calls, Incoming Calls, All Calls, Last Reset, and Lifetime Calls.
4. Press the **Msgs** soft key to launch **Create Txt Msg**.

Call Timer

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

Note: Call Timer is not for billing purposes.

1. At the **Calls** menu, select **Call Timer**. The following timers appear in the display:
 - **Last Call** — View the duration of your last call.
 - **Outgoing Calls** — View the duration of the total outgoing calls made on your phone since the last erasure.
 - **Incoming Calls** — View the duration of the total incoming calls received on your phone since the last erasure.
 - **All Calls** — View the duration of the total call, incoming, and outgoing, made on your phone since the last erasure.
 - **Last Reset** — View the time and date all timers were last reset.
 - **Lifetime Calls** — View the duration of all calls since your phone was activated.
2. To reset a selected counter (except Last Reset and Lifetime Calls), highlight the desired counter and press the **Reset** soft key.
3. To reset all counters except Lifetime Calls, press the **Reset All** soft key.




4. To exit the **Call Timer** list, press **OK** or **CLR**.


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

Section 4: Menu Navigation


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


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.

Note: More than one menu may appear in your display. This setting can be modified in the **Display/Menu Style** menu.

Tip: You can launch any of the Main Menus by using a voice command — In standby mode, press and hold  until the phone prompts, “**Say a command.**” Say “**Go to**” followed by a Main Menu name into the microphone. For example, Say “**Go to Contacts**” to access the **Contacts** menu.

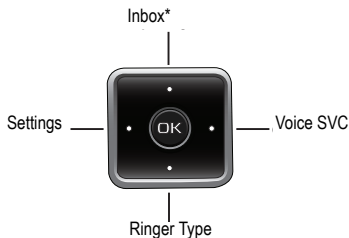
2. Use the navigation key to browse through the menus.
3. To enter the menu or sub menu that appears in the display, press  .
4. Press the **Back** soft key to return to the previous menu.

Return to the Previous Menu

- Press the **Back** soft key to return to a previous menu.
- When **Back** does not appear in the display, press  to return to the previous menu.

Navigation Key Shortcuts

In standby mode, press a navigation key to launch the key's corresponding application.



* **Inbox** can be customized. Press **Menu** (), then select **Settings** → **Phone Settings** → **Shortcut Key**.

Navigate Using a Shortcut

You can also access menus and sub menus using menu numbers. After pressing **Menu** (OK), press the menu number to go directly to the menu or sub menu of your choice. Before you can navigate using a shortcut, you'll need the menu or sub-menu number that you wish to access.

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

Example: Press **Menu** (OK), then press **8**, **5**. This takes you to the **Tools** menu (Menu 8), and then to the **Convertor** (sub menu 5).

Navigate Using Quick Search

Use the **Quick Search** feature to find a menu or menu item by pressing the number keys that correspond to the first few letters of menu or menu item name. (For more information, refer to “*Quick Search*” on page 90.)



Section 5: Entering Text

This section outlines how to select the desired text entry mode when entering characters using the phone keypad. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes needed to enter text.


Changing the Text Entry Mode

Text messages can be made up of alphabetical characters, numbers, and symbols. You can use the following text entry modes to simplify text entry:


- **T9 Word** — Press each phone key only once to enter the letter of the word that you're spelling. T9 WORD mode letter options are:
 - **T9 Word** — Enter initial capital letters
 - **T9 WORD** — Enter all upper case letters
 - **T9 word** — Enter all lower case letters
- **Abc** — Enter letters by repeatedly pressing each phone key until the desired character (as shown on the key) appears in the display. ABC mode letter options are:
 - **Abc** — Enter initial capital letters
 - **ABC** — Enter all upper case letters
 - **abc** — Enter all lower case letters
- **123** — Enter numbers by pressing the corresponding keys on the phone keypad.

- **Symbols** — Using the phone keypad, enter a symbol into your message by pressing the number above the symbol in the Symbols pop-up window.

The current text entry mode (**T9 Word**, **Abc**, **ABC**, **123**, or **Symbols**) is indicated in the lower part of a text entry screen. To change the text entry mode while composing a text message:

- ▶ Repeatedly press and hold  to toggle between **Abc**, **123**, and **T9Word** modes.

Or, do the following:

1. Press the Left soft key.
2. Highlight one of the following text entry modes:
 - **T9Word**
 - **Abc**
 - **ABC**
 - **123**
 - **Symbols**
3. Press .

Using T9® Mode

T9 Word recognizes commonly used words for the numeric sequence of key presses and inserts the word into your message. T9 Word is much faster than the traditional method of text entry (Abc) and requires only one key press per letter of the word that you're spelling.

1. While composing a text message, press the Left soft key, then select **T9Word**.
2. For practice, enter the word "**Samsung**" by pressing each of the following keys only once:



T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is "Samsung."

If more than one word shares the same numeric sequence, T9 Word pops-up the most commonly used. Press the Navigation key Up or Down to display other words, if available.

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 31.)

Using Abc Mode

1. While composing a text message, press the Left soft key, then select **Abc** or **ABC**.
2. Enter characters while in Abc mode by pressing a key repeatedly until the desired character appears in the display.

Example: Press once for "G" and twice for "H".

3. Pause briefly and the displayed character is accepted and inserted into your message.
4. To enter a space, press . To enter a period, press .

Entering Numbers


Enter numbers into a text message while in 123 mode.

1. 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 corresponding number that you wish to insert into your message.

Entering Symbols

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

1. While composing a text message, press the Left soft key, then select **Symbols**. The first of three symbol screens appears in the display.
2. Use the **Prev** and **Next** soft keys to page through the other symbols, if desired.
3. Press the key that corresponds with the symbol that you wish to enter.

Example: Press  for an exclamation point (!).

4. Repeat these steps to insert additional symbols into your message.

Section 6: Understanding Your Contacts

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


Contacts

Up to 500 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 18 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. (For more information, refer to “Restriction” on page 89.)

Tip: Speed Dial **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster. (For more information, refer to “Speed Dial” on page 39.)


Open Contacts

1. In standby mode, press **Menu** () , then select **Contacts**.

Tip: To launch the **Contacts** menu using a voice command — In standby mode, press and hold  until the phone prompts, “Say a command.” Say “Go to Contacts” into the microphone.

The following options appear in the display:

- **Find** — Find a Contacts entry by name.

Tip: You can also access the **Find** option from standby mode, by pressing the **Contacts** soft key or by pressing and holding  until the phone prompts, “Say a command.” Say “**Lookup**” followed by a Contact name into the microphone.

- **Add New Contact** — Add a number or Email address to your Contacts.
- **Speed Dial** — Assign a Contacts entry to a Speed Dial number. (For more information, refer to “Speed Dial” on page 39.)
- **Group** — Review, send messages to, add Contacts to, or rename four out of your five groups. (For more information, refer to “Contacts Groups” on page 41.)
- **Memory Info** — Display used and available memory for Contacts entries.

2. Select the option of your choice.

Note: You can also press the keypad number key that corresponds to the menu option number.

Finding a Contacts Entry

Shortcut Key Method

If you've stored a name entry in Contacts, Find allows you to find it quickly by entering the first few letters of a Contact's name.

1. In standby mode, press the **Contacts** soft key.

The **Find** screen appears in the display with the **Go To** field highlighted, followed by the first few names in your Contacts list.

Tip: You can also access the **Find** screen/function from standby mode by doing one of the following:

- Press **Menu** (OK), then select **Contacts** → **Find**.
- Press and hold **OK** until the phone prompts, "**Say a command.**" Say "**Lookup**" followed by a Contact name into the microphone.

2. Enter the first few characters of a name as entered in Contacts. For example, if you saved the name as "Amy Smith", begin the search by pressing (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, use the Up/Down navigation keys to highlight the entry.

- Press **Call** to dial the number associated with the name.
- Press the **Edit** soft key to add or change information for this entry.
- Press **VIEW** (OK) to show information about the entry.
- Press the **Options** soft key. The following options appear in the display:
 - **New Contact** — Add a new entry to Contacts.
 - **Erase** — Erase the name and associated information.
 - **Send Txt Msg** — Create and send a text message to the selected Contact.
 - **Call** — Dial the number associated with the name.
 - **Send Name Card Via Bluetooth** — Send selected Contacts to another Bluetooth device.


Select the desired option to access its sub-menu appears in the display.



Voice Method

Use the VoiceSignal 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.

To look up information for a specific contact:

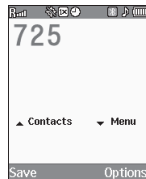
1. In standby mode, press and hold  to launch VoiceSignal.
“**Say a Command**” appears in the display and is pronounced through the speaker.
2. Say “**Lookup**”.
VoiceSignal prompts you to “**Say the name.**”
3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your Contacts list.
 - If VoiceSignal recognizes the name you said, the Contact entry information for that name appears in the display.
 - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with “**Did you say?**” followed by the first name on the list.
4. Say “**Yes**” to confirm the name or “**No**” to hear the next name, or use the keypad to select the correct name from the list. (For more information, refer to “*Choice Lists*” on page 99.)
 - To say the name again, press **Repeat**.
 - To exit VoiceSignal without dialing, press **Settings** and press **Exit**.

5. The contact information for the name you selected appears in the display.
 - To dial the number associated with the name, press .
 - To remove this entry from your Contacts list, press the **Erase** soft key.
 - To add or change information for this entry, press **EDIT** ().
 - To access the following options, press the **Options** soft key.
 - **Send Txt Msg** — Create and send a text message to the selected Contact.
 - **Call** — Dial the number associated with the Contact name.
 - **Send Name Card Via Bluetooth** — Send the select Contact’s information to another Bluetooth device.Select the desired option.



Quick Search Method

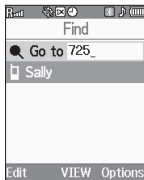
For information on enabling Quick Search, see “*Quick Search*” on page 90.

1. In standby mode and with Quick Search enabled, press the first few numeric keys that correspond to the letters of the Contact’s name.



Example: To search for “Sally” you would enter 725.

- Press the Up navigation key. A list of Contact names that begin with letters corresponding to the number keys you pressed appears in the display.
- Highlight the searched for Contact.
 - To call the Contact, press .
 - To view the Contact, press .



Adding a New Contacts Entry


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

Dial Method


- Using the keypad, enter the number you wish to add to your Contacts.
- Press the **Save** soft key. 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.
- Select **Create New**.

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



- Select the number type that matches your new entry. The **Add New Entry** screen appears in the display.
- Use the keypad to enter a name to associate with the Contacts entry.
- Press **SAVE** () to save the entry.

Menu Method

- In standby mode, press **Menu** () , then select **Contacts** → **Add New Contact**.
The **Add New Entry** screen appears in the display with the **Name** field highlighted.
- Enter the name of the new entry using the keypad. (For more information, refer to “Entering Text” on page 29.)

3. Highlight one of the following fields:
 - **Mobile**
 - **Home**
 - **Work**
 - **Pager**
 - **Email**
 - **Group**
 - **Ringtone**
 - **Fax**
4. Enter a phone number or Email address in the highlighted field.
5. Repeat steps 3 and 4 as needed.
6. Press **OK** to save the new entry.


Editing a Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. (For more information, refer to “Finding a Contacts Entry” on page 33.)
2. Use the Navigation key to highlight the entry and press **VIEW** (**OK**). The **View Contact** screen appears in the display showing the highlighted entry’s information.
3. Use the Navigation key to review the information for the entry that you wish to change, then press **EDIT** (**OK**). The **Edit Contact** screen appears in the display.
4. Use the Navigation key to highlight the particular information you want to add or change.
 - Press **☐** to backspace and delete numbers or letters.
 - Press and hold **☐** to clear all numbers or letters in the highlighted field.
 - Press the **Options** soft key.

The following options pop-up in the display:

 - **Set Speed Dial / Remove Speed Dial** — Assign/remove a speed dial number. (For more information, refer to “Speed Dial” on page 39.)
 - **Set as default** — Set the number the phone will dial when Contacts dialing or speed dialing.
 - **Wait** — A hard pause (waits for input from you).
 - **2-Sec Pause** — A 2-second pause after which dialing resumes. (For more information, refer to “Add Pauses to Contacts Numbers” on page 37.)Select the desired option.
5. When you’re finished changing the Contacts entry:
 - To save your changes, press **OK**.

- To discard your changes, press . You are prompted to confirm exiting without saving your changes. Press the **Yes** soft key to discard your changes.

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.

- **Wait** — Stops the calling sequence until the phone receives further input.
- **2-Sec Pause** — Stops the calling sequence for two seconds, then sends the remaining digits.



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.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. (For more information, refer to “*Finding a Contacts Entry*” on page 33.)
2. Select and edit the desired number. (For more information, refer to “*Editing a Contacts Entry*” on page 36.)

3. 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).
4. Select the pause option of your choice to add it to the number sequence.
5. When you’re finished entering information, press  to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using 2-second pause(s), simply find the Contacts entry, highlight the number, and press . (For more information, refer to “*Finding a Contacts Entry*” on page 33.)
2. If you stored the number using Wait(s), find and dial the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press  to resume dialing the number.

Edit an Existing Email Address

1. Find the Contacts entry you want to edit. (For more information, refer to “*Finding a Contacts Entry*” on page 33.)

2. Highlight the desired Contacts entry, then press the **Edit** soft key.

The **Edit Contact** screen appears in the display.

3. Highlight the **Email** field.
4. Use the keypad to edit the Email address. (For more information, refer to “*Entering Text*” on page 29.)
5. Press **OK** to save your changes.

Assigning a Ringtone to a Contacts Entry

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

1. Find the Contacts entry you want to edit. (For more information, refer to “*Finding a Contacts Entry*” on page 33.)

2. Highlight the desired Contact, then press the **Edit** soft key.

The **Edit Contact** screen appears in the display.

3. Highlight the **Ringtone** field, then press the **Set** soft key.

The **Contact Tone** menu appears in the display showing the following options:

- **My Ringtones**

- **My Sounds**

4. Select the desired option. The **My Ringtones** or the **My Sounds** file list appears in the display.

5. Select the ringtone or sound that you wish to assign to the Contacts entry.


The **Edit Contact** screen re-appears in the display with the name of the selected file in the Ringtone field.

6. Press **OK** to save the ringer assignment to the selected Contacts 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 the **Save** soft key. The **Save** menu 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. Follow the instructions in the upcoming sections depending on whether the number is a new entry or you wish to add it to an existing entry.

Create a New Entry

1. At the **Save** menu, select **Create New**.

The **Create New** screen appears in the display showing the following number type options:



2. Select the number type that matches your new entry. The **Add New Entry** screen appears in the display.
3. Enter a name for the new entry. (For more information, refer to “*Entering Text*” on page 29.)
4. Press **OK**. The new entry is saved to your Contacts list.

Add to an Existing Entry

1. At the **Save** menu, 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 the Contacts entry to which you want to add the new number. (For more information, refer to “*Finding a Contacts Entry*” on page 33.)
3. Select the desired Contacts entry. The following number type options appear in the display:






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 Contact** screen appears in the display with the new number posted in the appropriate number type field.
5. Press **OK** again to save your changes to the existing 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.

Example: To speed dial the Contacts entry assigned to Speed Dial 5, press and hold , (1-touch dialing).


To speed dial the Contacts entry assigned to Speed Dial 35, press  then press and hold , (2-touch dialing).

To speed dial the Contacts entry assigned to Speed Dial 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 35) until you enter a name for the entry.
2. After entering the Contacts entry name, **do not press** . Instead, highlight a number field.
3. Press the **Options** soft key. The following options appear in the display:
 - **Set Speed Dial** — Assign a speed dial number.
 - **Set as default** — Set the number the phone will dial when Contacts dialing, speed dialing, or voice dialing.

- **Wait** — A hard pause (waits for input from you).
- **2-Sec Pause** — A 2-second pause after which dialing resumes. (For more information, refer to “Add Pauses to Contacts Numbers” on page 37.)


Select **Set Speed Dial**. The **Speed Dial** screen appears in the display.

4. Select an Unassigned Speed Dial number or enter an Unassigned Speed Dial number in the **Go To** field using the keypad.

Important! Do not enter Speed Call numbers 1, 211, 311, 411, 611, or 911. These numbers are already assigned to Voicemail (001), to Information (411), to Customer Care (611), and to emergency use (911).

5. Press **SET** (). You are prompted to confirm your Speed Dial number assignment.
6. Press the **Yes** soft key to save your Speed Dial assignment and return to the **Add New Entry** screen.


Note: Press the **No** soft key to discard the assignment and return to the **Speed Dial** screen.

7. Press  to save your changes.

Assignment to an Existing Entry

1. Find the Contacts entry you want to edit. (For more information, refer to “Finding a Contacts Entry” on page 33.)
2. Highlight the desired entry.
3. Press **Edit**. The **Edit Contact** screen appears in the display.
4. Highlight the number field you wish to assign a Speed Dial number.
5. Do steps 3 through 7 of “Assignment During Entry Creation” on page 40.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. (For more information, refer to “Finding a Contacts Entry” on page 33.)
2. Highlight the desired entry.
3. Press **Edit**. The **Edit Contact** screen appears in the display.
4. Highlight the number field marked by the Speed Dial icon ().
5. Press the **Options** soft key. The following options appear in the display:
 - **Remove speed dial** — Unassign the current speed dial number.

- **Set as default** — Set the number the phone will dial when Contacts dialing, speed dialing, or voice dialing.
- **Wait** — A hard pause (waits for input from you).
- **2-Sec Pause** — A 2-second pause after which dialing resumes. (For more information, refer to “Add Pauses to Contacts Numbers” on page 37.)

6. Select **Remove Speed Dial**. “**Remove speed dial?**” pops up in the display to confirm your desire to remove the entry.
7. Press the **Yes** soft key to remove the Speed Dial assignment. “**Speed Dial Removed**” pops up in the display, and you are returned to the **Edit Contact** screen.
8. Do steps 4 through 7 of “Assignment During Entry Creation” on page 40.

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 35) or find a Contacts entry (see “Finding a Contacts Entry” on page 33) that you want to add to a Group.

2. Highlight the **Group** field, then press the **Set** soft key.

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

- **No Group**
- **Business**
- **Colleague**
- **Family**
- **Friends**

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 **OK** to save your changes.

Using Group Add Option

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

1. In standby mode, press **Menu** (**OK**), then select **Contacts** → **Group**.

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

- **No Group**
- **Business**
- **Colleague**
- **Family**
- **Friends**

2. Highlight a Group, then press the **Options** soft key. The following options popup in the display:

- **Send Txt Msg** — Send a text message to the selected Group.
- **Rename** — Change the name of the selected Group.
- **Erase** — Delete the selected Group, and send the Contacts back to No Group.
- **Add** — Add one or more Contacts to the selected Group.

3. Select **Add**. The **Add Contacts** screen appears in the display showing a list of Contacts entries.

4. Do one of the following:
 - Use the Navigation key to highlight an entry you want to add to the group, then press **MARK** (OK). A check mark appears in the entry's check box.
Repeat as needed to check all the desired Contacts.
 - Press the **Mark All** soft key.

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.

Remove Contacts Entry from a Group

1. In standby mode, press **Menu** (OK), then select **Contacts** → **Group**. The **Group List** screen appears in the display.
2. Highlight the Group (other than No Group) from which you want to remove a Contact, then press **VIEW** (OK).
A list of the Contacts assigned to the selected Group appears in the display.
3. Highlight the Contact you wish to remove.

4. Press the **Remove** soft key. You are prompted to confirm the removal of the selected Contact.
5. To remove the selected Contact from this Group and return it to No Group, press the **Yes** soft key.
To keep the selected Contact in this Group, press the **No** soft key.

Rename a Group

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

1. In standby mode, press **Menu** (OK), then select **Contacts** → **Group**. The **Group List** screen appears in the display.
2. Highlight the Group name other than No Group that you wish to change, then press **Options** → **Rename**.
The **Rename Group** screen appears in the display.
3. Enter changes to the group name using the keypad. (For more information, refer to "Entering Text" on page 29.)
4. When you have completed your changes to the Group name, press **SAVE** (OK).

"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. In standby mode, press **Menu** (OK), then select **Contacts** → **Group**. The **Group List** screen appears in the display.
2. Press the **New** soft key. The **New Group** screen appears in the display.
3. Enter a new group name using the keypad. (For more information, refer to “Entering Text” on page 29.)
4. When you have completed entering the new Group name, press **SAVE** (OK). “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. In standby mode, press **Menu** (OK), then select **Contacts** → **Group**. The **Group List** screen appears in the display.
2. Highlight the Group that you wish to delete, press the **Options** soft key, then select **Erase**.

You are prompted to confirm the Group erasure.

3. To confirm erasure of the Group, press the **Yes** soft key. To retain the Group, press the **No** soft key.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (For more information, refer to “Finding a Contacts Entry” on page 33.)
2. Highlight the desired entry, press the **Options** soft key, then select **Erase**. The phone prompts you to confirm the erasure.
3. To confirm erasure of the selected Contact, press the **Yes** soft key. To retain the Contact, press the **No** soft key.

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.

- ▶ In standby mode, press **Menu** (OK), then select **Contacts** → **Memory Info**.

The **Memory Info Contacts** screen appears in the display showing the **Total** amount of memory in your phone, the amount of memory **Used** to store Contacts entries, and the remaining (**Free**) for Contacts entries.

Section 7: Messaging

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


Types of Messages


Your phone is able to send and receive Text messages to compatible phones and devices. Text messages can be up to 160 characters in length.


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

Create and Send Text Messages


1. In standby mode, press the **Msgs** soft key, then select **Send Message**. The **Create Txt Msg** screen appears in the display showing the **To:** list.

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.

2. Enter the phone number or Email address of the recipient, or press the **Add** soft key and select a Contact entry, a Contacts Group, or the originator or recipient of a recent call, then press . The **Text:** field appears in the display.
3. Enter the text content of your message using the keypad. (For more information, refer to “*Entering Text*” on page 29.)
4. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:
 - **Edit Send To** — Edit the recipient’s number or email address.
 - **Add Quick Text** — Insert pre-composed text in your message.
 - **Save As Draft** — Save the message to your Draft folder.
 - **Priority Level** — Choose **Urgent** or **Normal**.
 - **Validity Period** — Enter the Date when this message will cease to be valid, then use the Left and Right navigation keys to choose the Time.
 - **Deferred Delivery** — Set the date and time when this message will be delivered.
 - **Enh. Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.

- **Add To Contacts** — Save the recipient's number or Email address as a Contacts list entry.
5. Once you're finished entering your message, press **SEND** ()


Receive Text Messages

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

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Extract.
- **View Later** — Saves the message to your Inbox, where you can view it later, then returns your phone to standby mode.

Select your choice.

Receive Messages While in a Call

When you receive a message 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** — Opens the message, where you have the option to Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info, or Extract.
- **View Later** — Saves the message to your Inbox, where you can view it later, and returns your phone to call mode.

Select the desired option.

View a Text Message Now

1. After you select the **View Now** option, the new text message appears in the display.
2. While viewing your message press the **Options** soft key. The following options appear in the display:
 - **Forward** — Send a copy of this message to another recipient.
 - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
 - **Save Quick Text** — Save the text in this message as a new Quick Text.
 - **Lock / Unlock** — Block/permit erasure of the highlighted message.
 - **Add To Contacts** — Save the sender's number to your Contacts.
 - **Message Info** — Shows message delivery status, addressee, size, and so on.
 - **Extract** — Lets you call the originator of the highlighted message.

3. Select an option to perform its function.

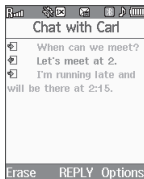
Note: For more information on received message options, see “Inbox” on page 47.

View a Text Message Later

1. In standby mode, press the **Msgs** soft key, then select **Inbox**. The **Inbox** screen appears in the display.
2. Select the new message. The new text message appears in the display.

Chat View

Chat View mode is the default format for viewing text messages. In Chat View mode, you can view a series of text messages exchanged between your phone and another phone as if the messages were a chat session, instead of viewing only the incoming messages individually.



Note: To disable/enable Chat View mode, change the **Message View** setting. (For more information, refer to “Text Message Settings” on page 53.)

Tip: To simplify the exchange of messages with **Message View** setting to **Chat**, you might want to change the **Auto Save** setting to **On**.

The following icons indicate which responses are incoming and outgoing:



Incoming Message



Outgoing Message

Message Boxes

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

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

1. In standby mode, press the **Msgs** soft key, then select **Inbox**. A list of incoming messages appears in the display.

Tip: While in a call, press **Options**, then select **Message** to open the **Messages** menu.

2. Select the message that you wish to view. The contents of the highlighted message appear in the display.
3. While viewing your message press the **Options** soft key. The following options appear in the display:

- **Chat view:**
 - **View Last Message** — Displays the most recent message exchanged with this sender/addressee in Normal mode.
 - **Add To Contacts** — Save the sender's number to your Contacts.
 - **Normal view:**
 - **Forward** — Send a copy of this message to another recipient.
 - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
 - **Save Quick Text** — Save the text in this message as a new Quick Text.
 - **Lock / Unlock** — Block/permit erasure of the highlighted message.
 - **Add To Contacts** — Save the sender's number to your Contacts.
 - **Message Info** — Shows message delivery status, addressee, size, and so on.
 - **Extract** — Calls the sender of the received message.
4. Select an option to invoke its function.

Managing Inbox Messages

1. In standby mode, press the **Msgs** soft key, then select **Inbox**.
A list of incoming messages appears in the display.
2. Highlight a message in the list.
3. Press **Erase** to remove the highlighted message from the Inbox.

4. To access other options, press the **Options** soft key. The following options appear in the display:
- **Reply** — Compose and send a reply message to the originator of the received message.
 - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
 - **Forward** — Send a copy of this message to another recipient.
 - **Lock / Unlock** — Block/permit erasure of the highlighted message.
 - **Add To Contacts** — Save the sender's number to your Contacts.
 - **Erase Inbox** — Delete all unlocked messages from the Inbox except for unread messages.
 - **Message Info** — Shows message delivery status, addressee, size, and so on.
5. Select an option to perform its function.

Outbox

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

Review Messages in the Outbox

1. In standby mode, press the **Msgs** soft key, then select **Outbox**. Your list of sent messages appear in the display.
2. Highlight a message that you wish to review, then press **OPEN** (OK).
3. While viewing your message, press the **Options** soft key. The following options appear in the display:
 - **Forward** — Send the highlighted message to another recipient.
 - **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.
 - **Lock / Unlock** — Block/permit erasure of the highlighted message.
 - **Add To Contacts** — Save the recipient's number to your Contacts.
 - **Message Info** — Shows message delivery status, addressee, size, and so on.
 - **Extract** — Calls recipient of this message.
4. Select an option to perform its function.

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.

Managing Outbox Messages

1. In standby mode, press the **Msgs** soft key, then select **Outbox**. Your list of sent messages appear in the display.
2. Highlight a message, then press **Erase** to remove the highlighted message from the Outbox.
3. Press the **Options** soft key. The following options appear in the display:
 - **Forward** — Send the highlighted message to another recipient.
 - **Resend** — Re-send the highlighted message to the original recipient.
 - **Lock / Unlock** — Block/permit erasure of the highlighted message.
 - **Add To Contacts** — Save the recipient's number to your Contacts.
 - **Erase Outbox** — Delete all unlocked messages from the Outbox.
 - **Message Info** — Shows message delivery status, addressee, size, and so on.
4. Select an option to perform its function.

Draft Box

Messages in the Draft Box are those that have been composed but never sent. 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 the **Msgs** soft key, then select **Send Message**. The **Create Text Msg** screen appears in the display showing the **To:** list.
2. Enter the phone Number or Email address of a recipient, then press **OK**.
3. Compose your message using the keypad, then press the **Options** soft key and select **Save As Draft**. A confirmation message appears in the display and your message is saved to the Drafts box.

View and Edit Draft Text Messages


1. In standby mode, press the **Msgs** soft key, then select **Drafts**. A list of any draft messages that you've saved appears in the display.
2. Highlight a text message that you wish to view or edit, then press **EDIT (OK)**. The message text edit screen appears in the display.
3. Enter or change the recipient's number and/or Email address and the message text using the keypad. (For more information, refer to "Entering Text" on page 29.)

4. Press the **Options** soft key to complete the message text and set message send options. The following options appear in the display:
 - **Edit Send To** — Change, add, or remove recipients from this message.
 - **Add Quick Text** — Insert pre-composed text into your message text.
 - **Save As Draft** — Save the message to your Drafts box.
 - **Priority Level** — Choose **Urgent** or **Normal**.
 - **Validity Period** — Enter the Date when this message will cease to be valid, then use the Left and Right navigation keys to choose the Time.
 - **Deferred Delivery** — Set the date and time when this message will be delivered.
 - **Enh. Delivery Ack** — Choose **On** or **Off** — Requests confirmation when your message is received.
 - **Add To Contacts** — Save the recipient's number or Email address to your Contacts.
5. Select an option to perform its function.
6. When you have completed composing your message, press **SEND (OK)**.

Managing Draft Messages

1. In standby mode, press the **Msgs** soft key, then select **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Highlight a message.
3. To remove the highlighted message from the Drafts box, press the **Erase** soft key. You are prompted to confirm erasure of the highlighted draft message.
 - To erase this draft message, press the **Yes** soft key.
 - To keep this draft message in your Drafts box, press the **No** soft key.
4. For other options, press the **Options** soft key. The following options appear in the display:
 - **Send** — Send the highlighted message to the original recipient, if the recipient's number and/or Email address is included with the draft message.
 - **Lock / Unlock** — Block/permit erasure of the highlighted message.
 - **Add To Contacts** — Save the recipient's number and/or Email address to your Contacts.
 - **Save Quick Text** — Save the message text as Quick Text for insertion into other messages.
 - **Erase Drafts** — Delete all unlocked draft messages.
5. Select an option to perform its function.

Voicemail

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

Listen to Voicemail Now



Once you've received a new voicemail message, you have the option to either:

- **Listen Now** — Calls your voice mailbox and allows you to listen to your messages.
- **Listen Later** — Returns you to standby mode where you can later choose to call your mailbox and review your messages.

Select an option to perform its function.

Listen to Voicemail Later

If you choose to review your voicemail messages at a later time:

1. In standby mode, press the **Msgs** soft key, then select **Voicemail**. The **Voicemail** screen appears in the display, showing the number of new voicemail messages received and the date and time the latest message was received.
2. Press  or  to call your voice mailbox and listen to the message.

Note: You can also press and hold **[T9+]** to dial your voice mailbox.

Erase Messages

Using Erase Messages, you can erase all of the messages in each of your boxes from one convenient location.

Note: This function erases all messages in a selected box. To delete a single message, open the box from the **Messages** menu, highlight a message, open the message if you want, then press **Erase** to delete it.

1. In standby mode, press the **Msgs** soft key, then select **Erase Messages**.

The following options appear in the display:

- **Inbox** — Deletes all unlocked messages stored in the Inbox.
 - **Outbox** — Deletes all unlocked messages stored in the Outbox.
 - **Drafts** — Deletes all unlocked messages stored in the Drafts box.
 - **All Messages** — Deletes all unlocked messages stored in all of the message boxes, except Voicemail.
2. Select the messages that you wish to delete. You're prompted to confirm the erasure of all messages in the selected box or in all boxes.
 3. To delete the messages, press the **Yes** soft key. To cancel deleting the messages, press the **No** soft key.

Message Settings

Use the **Msg Settings** sub-menus to define general settings and text message settings.

General Message Settings

1. In standby mode, press the **Msgs** soft key, then press **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 (**T9 Word**, **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 to enter the highlighted option's sub-menu.

Editing and Entering Quick Text

1. In standby mode, press the **Msgs** soft key, then select **Msg Settings** → **General** → **Quick Text**. The **Quick Text** sub-menu appears in the display.
2. To create a new Quick Text:
 - Press **New**.

Tip: You can also create new Quick Text by viewing/editing an Outbox or Drafts message and using the **Save Quick Text** option in the **Options** menu. (For more information, refer to "Review Messages in the Outbox" on page 49)

- Enter/change the text content of your Quick Text using the keypad. (For more information, refer to "Entering Text" on page 29.)
 - Once you're finished entering your Quick Text, press **OK**. The Quick Text menu appears in the display with your new Quick Text highlighted.
3. To change a Quick Text:
 - Highlight a Quick Text you want to change, then press **EDIT**. (You cannot change the pre-defined Quick Text included with your phone.)

Note: You cannot change or erase pre-loaded Quick Texts.

- Enter/change the text content of your Quick Text using the keypad. (For more information, refer to "Entering Text" on page 29.)
4. To erase a Quick Text:
 - Highlight a Quick Text you want to erase, then press **Erase**. You are prompted to confirm erasure of the highlighted Quick Text.
 - To erase the highlighted Quick Text, press **Yes**. To keep it, press **No**.

Text Message Settings

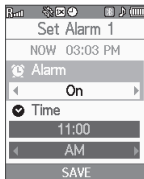
1. In standby mode, press the **Msgs** soft key, then select **Msg Settings** → **Text Message**. The following options appear in the display:
 - **Auto View** — **On/Off** — With Auto View On, the full content of a text message appears in the display as the messages is received.
 - **Auto Scroll** — **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**, series of text messages exchanged with one other phone appear in the display as a chat session. (For more information, refer to "Chat View" on page 47.)
2. Select the desired option to enter the highlighted option's sub-menu.

Section 8: Alarm Clock

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

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

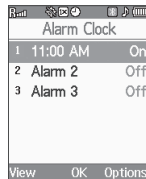
1. In standby mode, press **Menu** (OK), then select **Alarm Clock**. The following options appear in the display:
 - Alarm 1
 - Alarm 2
 - Alarm 3
2. Select an Alarm. A **Set Alarm** screen appears in the display containing the following options:
 - Alarm
 - Time
 - Frequency
 - Ringer



3. Highlight the options you wish to change, then select values for the options using the Left and Right navigation keys.

To enter the Time for the alarm, use the keypad.

4. When you're finished entering and selecting values for the alarm, press **OK**. The alarm is set and the alarm icon (🕒) appears in the top of the display.



When an Alarm Sounds

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

- ▶ To silence the alarm, use the Navigation key to select **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 Mon.-Fri., the alarm icon remains in the top of the display.

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

Turn Off the Alarm

Turning off an Alarm stops it from sounding when the set time is reached while retaining the Alarm settings for your reuse.

1. In standby mode, press **Menu** (OK), then select **Alarm Clock**.
2. Highlight **Alarm 1 / Alarm 2 / Alarm 3**.
3. Press the **Options** soft key and select **Off**. The highlighted Alarm is turned off, but the alarm settings are retained for later reuse.

Reset the Alarm

Resetting one or all Alarms erases all of your Alarm settings and restores the default settings.

1. In standby mode, press **Menu** (OK), then select **Alarm Clock**.
2. If desired, highlight **Alarm 1 / Alarm 2 / Alarm 3**.
3. Press the **Options** soft key. Select from the following options:

- **On / Off** — Enables or disables the highlighted Alarm, using current settings.
- **Reset Alarm** — Resets the highlighted Alarm to default settings.
- **Reset All** — Resets all Alarms to default settings.


Section 9: Changing Your Display Settings

This section shows you how to change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

Accessing the Display Menu

To access the Display menu, do the following:

1. In standby mode, press **Menu** (OK), then select **Display**.
The **Display** menu appears in the display.

Tip: To launch the **Display** menu using a voice command — In standby mode, press and hold  until the phone prompts, "Say a command." Say "Go to Display" into the microphone.

2. Select the desired sub-menu. The following sections describe the Display sub-menus in greater detail.

Menu Style

1. At the **Display** menu, select **Menu Style**. The following Main Menu styles appear in the display:
 - **Icon** — Main Menu appears as 4-by-3 array of icons.
 - **List** — Main Menu appears as a scrollable list (text).
2. Select the desired Main Menu style. You're returned to the **Display** menu.

Wallpaper

Wallpaper lets you choose the images that appear in the background of your phone's front and main displays while your phone is closed or in standby mode.

1. At the **Display** menu, select **Wallpaper**.

The following options appear in the display:

- **Main Display**
- **Front Display**

Note: When you select **Front Display**, your Wallpaper selection automatically changes the **Clock Format** setting for the **Front Clock** to **Off**. (For more information, refer to "Clock Format" on page 57.)

2. Select the Display whose Wallpaper you wish to change.
The following options appear in the display:
 - **My Images** — Lets you select a photo you've taken as a wallpaper image.
 - **Preset Images** — Lets you select an image that came preloaded with your phone as a wallpaper image.
3. Select the image type that you wish to use. An array of images appears in the display.

4. Select the image that you wish to use to save your selection.

Clock Format

Clock Format lets you choose the format your phone will use to present the current time in your phone's front and main displays while your phone is closed or in standby mode.

1. At the **Display** menu, select **Clock Format**.

The following options appear in the display:

- **Main Clock**
 - **Front Clock**
2. Select the Clock you wish to reformat. The following options appear in the display:
 - **Samsung** — Main Clock only
 - **Digital**
 - **Analog** — Main Clock only
 - **Off**

Note: The **Clock Format** setting for the **Front Clock** automatically changes to **Off** when you change the **Wallpaper** setting for the **Front Display**. (For more information, refer to “*Wallpaper*” on page 56.)

3. Select the desired clock format. A “Clock Format Set” message appears in the display, and you are returned to the **Display** menu.

Theme

Lets you select the color theme used to display menu screens and pop-up menus and messages. You can choose from a variety of themes.

1. At the **Display** menu, select **Theme**. The following options are available:
 - **Samsung**



- **Plush**



2. Use the Navigation key to show the available Themes (which appear in the preview screen), then press **OK** to save the displayed Theme setting.

Dialing Font Size

Lets you select the size of your dialing font.

1. At the **Display** menu, select **Dialing Font Size**.

The following options appear in the display:

- **Normal**
 - **Large**
2. Select the desired setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. At the **Display** menu, select **Banner**.

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

2. Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 13 characters). (For more information, refer to "Entering Text" on page 29.)
3. Press **OK** to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the folder is open.

Note: Prolonged backlight use drains your battery faster.

1. At the **Display** menu, select **Backlight**. The following sub menus appear in the display:
 - **Main Display** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.

- **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
 - **Charging** — Sets the amount of time the keypad backlight remains on when the phone is charging. Optional settings are: **10 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
 - **Brightness** — Sets the brightness of the backlight to one of five possible settings.
2. Select the desired sub menu, then select the desired setting.

Front Contrast

Front Contrast lets you choose the display contrast to suit yourself.

1. At the **Display Settings** menu, select **Front Contrast**.
2. Use the Left/Right navigation keys to sample any of the 21 display contrast settings from **-10** to **+10**. The screen shows the effects of each new setting.
 - To save the new setting and return to the **Display Settings** menu, press **OK**.
 - To return to the **Display** menu and discard the new setting, press **CLR**.

Section 10: Changing Your Sound Settings


This section shows you how to customize your phone's audio properties, such as ringers, keypad tones, alerts, shut down sounds, and more.

Accessing the Sounds Menu

To access the Sounds menu, do the following:

1. In standby mode, press **Menu** (OK), then select **Sounds**.

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

Tip: To launch the **Sounds** menu using a voice command — In standby mode, press and hold  until the phone prompts, "Say a command." Say "Go to Sounds" into the microphone.

2. Select the desired sub-menu. The following sections describe the Sounds sub-menus in greater detail.

Volume

Use the **Volume** sub-menu to set the default volume for incoming calls and alarms.

1. From the **Sounds** menu, select **Volume**. The following options appear in the display:
 - **Voice Calls** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming calls.

- **Messages** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming messages.
- **Alarms** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to a preset alarm time being reached.

2. Select the desired option.
 3. Use the Navigation key or the Volume key (on the left side of your phone) to change the volume level (**Ringer Off**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, **High**) or vibrate mode (**Vibrate**, **Vibrate/High**) for the selected option.
-

Tip: To preview the selected ringtone or alert tone while adjusting the volume setting, press the **Play** soft key.

4. Press **OK** to save the volume level/vibrate mode.

Ringer Type

You can assign ring tones for calls, alarms, and other alerts in the **Ringer Type** sub menu.

1. From the **Sounds** menu, select **Ringer Type**. The following Ringer Types appear in the display:
 - **Voice Calls**

- **Messages**
 - **Text Message**
 - **Voicemail**
- 2. Select the desired Ringer Type. The following options appear in the display:
 - **My Ringtones**
 - **My Sounds**

Note: Your phone includes preloaded ringtones and sounds.

You can record your own sounds by accessing **My Sounds** through the **Multimedia** menu. Select **Menu** → **Multimedia** → **My Sounds** → **Record New**. (For more information, refer to “Record New Voice Memo” on page 76.)

3. Select the desired option. A list of ringtones or sounds appears in the display.
4. Use the Navigation key to scroll through the ringtones and sounds for the preferred ringer.
 - To play each ringtone or sound, press the **Play** soft key.
 - To save the desired ringtone or sound selection, press **OK**.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. From the **Sounds** menu, select **Alerts**. The following options appear in the display:
 - **Minute Beep**— Sound an alert ten seconds before each elapsed minute of a call.
 - **Call Connect**— Sound an alert when you connect a call.
 - **Power On/Off**— Play melodies when you turn your phone on or off.
2. Select the desired option. The following settings appear in the display:
 - **On**
 - **Off**
3. Select the desired setting.

Key Tone

Key Tone allows you to adjust the volume level and length of the tone that the keypad generates each time you press a key.

1. From the **Sounds** menu, select **Key Tone**.

The following options appear in the display:

- **Tone Level**
 - **Tone Length**
2. Select the desired option.
- If you select **Tone Level**:
 - To set the keypad Tone Level, use the Volume key or Navigation key.
 - To save your Tone Level setting, press **OK**. You are returned to the **Key Tone** sub-menu.
 - If you select **Tone Length**:
 - Select **Short** or **Long**. You are returned to the **Key Tone** sub menu.

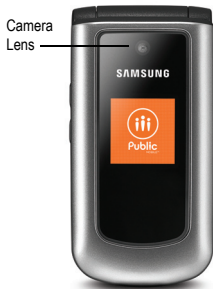
Section 11: Camera

Use your R312 phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera. This section explains how you can do the following:

- Take pictures with your phone's built-in digital 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 the camera, 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 message "Please, Wait..." appears in the display followed by a camera view finder screen. (For more information, refer to "Camera Screen Layout" on page 65.)

Note: You can also activate the camera by pressing **Menu** (), then selecting **Multimedia** → **Camera**.

2. Using the display as a viewfinder, point the camera lens (on the front of the flip, near the hinge) at your subject.
3. When the image that you wish to capture appears in the display, press **TAKE** ().
4. To save the picture to memory, press the **Save** soft key.




To erase the photo, press the **Cancel** soft key.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. See "Camera Options" on page 67 for more information.

Taking Multi Shot Pictures





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





1. In standby mode, press and hold the Camera key () on the right side of the phone. The message "Please, Wait..." appears in the display followed by a camera view finder screen. Your phone is now in camera mode. (For more information, refer to "Camera Screen Layout" on page 65.)

Note: You can also activate the camera by pressing **Menu** (), then selecting **Multimedia** → **Camera**.



2. Press the **Options** soft key. The options menu bar appears at the top of the camera screen.






3. Highlight the **Mode** icon (, , , or ). The following **Mode** options appear in the display:


- **Single Shot** —  — Lets you take 1 photo at a time.
- **Series Shot** —  — Lets you take a series of 5 photos.
- **Divided Shot** —  — Lets you take a mosaic of 9 photos.
- **Frame Shot** —  — Lets you select a colorful frame to include around your photos.

4. Select **Series Shot** or **Divided Shot**.


- When you select **Series Shot**, the following options appear in the display:
 - **5 Auto** — Lets you take 5 photos automatically with one press of **TAKE** ().
- When you select **Divided Shot**, the following options appear in the display:
 - **4 or 9 Manual** — Lets you take 4 or 9 shots in quick succession by pressing **TAKE** () for each shot, with all shots being combined into a single, mosaic photo, displayed in a 2x2 or 3x3 grid.

5. Select the desired setting.

A Series Shot progress bar ( 0/5) or a Divided Shot icon ( (2x2) or  (3x3)) (which acts as a progress bar while pictures are being taken) appears in the display.

- Using the display as a viewfinder, point the camera lens at your subject.
- When the image that you wish to capture appears in the display, press **TAKE** (). If Series Shot (**Auto**) is selected the camera takes multiple pictures and the **Select to Save** screen appears in the display. If Divided Shot (**Manual**) is selected the camera takes one picture and the Divided Shot mosaic photo screen appears in the display.

- **Series Shot:**

- To save the pictures to memory, press the **Done** soft key.
- To discard the pictures, press .



- **Divided Shot:**


- To save the picture to memory, press the **Save** soft key.
- To discard the picture, press the **Cancel** soft key.

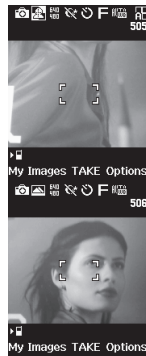
Camera Screen Layout

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 Soft Keys

The soft key labels on the bottom line of the display change to the following:

- **My Images** — Pressing the Left soft key opens the **My Images** multimedia folder so you can view or manage your stored pictures. (See “My Images” on page 71 for more information.)
- **TAKE** — Pressing  takes a picture of the subject currently appearing in the camera view finder screen.
- **Options** — Pressing the Right soft key opens a menu bar of camera options and settings.



Camera Screen Icons



Camera — Indicates the camera is active.



Single Shot in use — Takes one photo each time you press **TAKE** (OK).



Series Shot in use — Takes a series of 5 photos automatically when you press **TAKE** (OK).



Divided Shot in use — Takes multiple shots manually when you press **TAKE** (OK). All shots are combined into a single, mosaic photo.



Frame Shot in use — Takes one photo each time you press **TAKE** (OK). Each photo is surrounded by a selected, colorful frame.



Camera Resolution — Indicates camera's current resolution setting. (You can change the camera resolution setting. See "Camera Options" on page 67 for more information.)



Night Shot — Lets you take photos in low light.



Self Timer in use — Delays the camera shutter for 2, 5, or 10 seconds after you press **OK**.



Quality — Indicates camera's picture quality setting. (You can change the picture quality setting. For more information, refer to "Quality" on page 69.)



White Balance — Indicates camera's white balance setting. (You can change the camera white balance setting. For more information, refer to "White Balance" on page 69.)



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



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



Zoom — Enlarges the image from X0 to X7 before you take a picture. (Depending on the camera resolution setting. For more information, refer to "Resolution" on page 68.)



Brightness — Brightens or darkens the image from -4 to +4 before you take a picture.


Picture Options

After you take a picture, the following options are available (if **Auto Save** is set to **Off**):

- **Save the picture** by pressing the **Save** soft key.

Pictures are stored in the **My Images** folder, which is part of the phone's memory and/or card memory devoted to storing, browsing, and viewing saved pictures. (See "My Images" on page 71 for more information.)

- **Discard the picture** by pressing the **Cancel** soft key.

If **Auto Save** is set to **On**, these options are not available. After pressing **TAKE** () , the picture(s) is (are) automatically saved, and you are returned to the camera screen.

Camera Options



The Camera Options let you temporarily adjust default camera settings to suit available lighting, the subject of the photo, or the purpose of the photo, for the current camera session. When you exit the camera, your Camera Options values revert to their default values.

To access Camera Options, do the following:




1. In camera mode, press the **Options** soft key. The Camera Options menu appears in the display, containing the following sub-menus:






 Mode (also  ,  , or )

 Resolution


 Night Shot (also )

 Self Timer (also  ,  , or )

 Quality (also  , or )

 White Balance (also  ,  ,  , or )

 Color Effect





 Settings

2. Select a sub-menu, then select a preferred value.

The following sub-sections describe camera options and available values.

Mode

Mode lets you take multiple photos or shots in succession at the touch of a key and/or add colorful frames to your photos.

1. In camera mode, press the **Options** soft key, then highlight the **Mode** icon ( /  /  / ). The following values appear in the camera screen:
 - **Single Shot** — Lets you take 1 photo at a time.
 - **Series Shot** — Lets you take a series of 5 photos.
 - **Divided Shot** — Lets you take a mosaic photo: 2x2 or 3x3.

- **Frame Shot** — Lets you select a colorful frame to include around your photos (use the Left and Right navigation keys to preview available frames).

Note: The **None** frame is a blank frame.

2. Select the desired Shot Type.

Resolution

Resolution lets you change the clarity (in pixels) and size (in bytes) of your pictures.



1. In camera mode, press the **Options** soft key, then highlight the Resolution setting. The following values appear in the camera screen:
 - **640 X 480** (pixels)
 - **320 X 240** (pixels)
 - **176 X 144** (pixels)
2. Select the desired Resolution value.

Note: The Resolution setting affects zoom capabilities. When Resolution is set to **640 X 480**, zoom is not available. When Resolution is set to any value lower than **640 X 480**, zoom settings 1 – 8 are available.

Night Shot

Night Shot lets you take pictures in low light conditions.

1. In camera mode, press the **Options** soft key, then highlight

 or . The following options appear in the display:

- **Off**
 - **On**
2. Select the Night Shot setting of your choice.

Self Timer


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

1. In camera mode, press the **Options** soft key, then highlight



The following values appear in the camera screen:

- **Off**
 - **2 Seconds**
 - **5 Seconds**
 - **10 Seconds**
2. Select a Self Timer value.

Note: If you select **2 Seconds**, **5 Seconds**, or **10 Seconds**, a Self Timer icon (such as, ) appears in the camera screen in the display.

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

Tip: To stop the countdown timer without resetting it, press **AR**.

Quality

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

1. In camera mode, press the **Options** soft key, then highlight the current Quality indicator (F, N, E). The following values appear in the camera screen: **Fine**, **Normal**, or **Economy**.
2. Select the desired Quality value.

White Balance

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

1. In camera mode, press the **Options** soft key, then highlight



The following values appear in the camera screen:

- **Auto** — The camera automatically adjusts picture quality to available light.
- **Sunny** — Use this setting when taking pictures in full sun.
- **Cloudy** — Use this setting when taking pictures in cloudy conditions.
- **Tungsten** — Use this setting when taking pictures under incandescent lights.
- **Fluorescent** — Use this setting when taking pictures under fluorescent lights.


Each option, as you highlight it, shows the effects it has on a picture.

2. Select the desired White Balance value. The camera viewfinder screen appears in the display with your selected White Balance value applied.

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

Color Effect

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

1. In camera mode, press the **Options** soft key, then highlight . The following values appear in the display:
 - **Normal** — Subjects and pictures appear with a normal hue.
 - **Black&White** — Subjects and pictures appear in black and white.
 - **Sepia** — Subjects and pictures appear in a brownish-gray hue.
 - **Negative** — Subjects and pictures appear in inverted colors.
 - **Green** — Subjects and pictures appear in a greenish hue.

Note: Choose **Normal** to disable Color Effects.


2. Select the Color Effects value of your choice. The camera viewfinder screen appears in the display with your selected Color Effects value applied.

When you take your next picture, the camera applies your selected Color Effects value to your picture.

Settings


When you change Camera Settings values, your changes are saved for future camera sessions, unlike changes to Camera Options. To restore Camera Settings to their default values, select **Reset Settings**. (For more information, refer to “Reset Settings” on page 71.)

Icon Display

1. In camera mode, press the **Options** soft key, highlight , then select **Icon Display**. The following values appear in the display:
 - **Display All** — Shows camera icons as seen in “Camera Screen Icons” on page 66.
 - **Guideline** — Shows a cross hatch pattern in the view finder screen.
 - **No Icons** — Shows a nearly full-display subject image and without icons.
2. Select the viewfinder screen setting of your choice. You're returned to the camera viewfinder screen.



View Mode

Choose the orientation for your pictures.


1. In camera mode, press the **Options** soft key, highlight , then select **View Move**. The following shutter sounds appear in the display:
 - **Landscape** — Your pictures are wider than they are tall.
 - **Portrait** — Your pictures are taller than they are wide.

Shutter Sound


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

1. In camera mode, press the **Options** soft key, highlight , then select **Shutter Sound**. The following shutter sounds appear in the display:
 - **Shutter**
 - **OK**
 - **DingDong**
2. Select the shutter sound value of your choice. You're returned to the camera viewfinder screen. The next time you press , you'll hear your selected shutter sound.

Auto Save

1. In camera mode, press the **Options** soft key, highlight , then select **Auto Save**. The following values appear in the display:
 - **Off**
 - **On**
2. Select the automatic save value of your choice. You're returned to the camera viewfinder screen.


Reset Settings

1. In camera mode, press the **Options** soft key, highlight , then select **Reset Settings**. You are prompted to confirm reset of all camera settings.
 - Select the **Yes** option to reset the camera settings to default values.
 - Select the **No** option to keep the current camera settings.

My Images

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

1. In camera mode, press the **My Images** soft key. Any pictures that you've saved appear in the display.

Tip: You can also access the My Images folder by pressing **Menu** () and selecting **Multimedia** → **My Images**. (For more information, refer to "My Images" on page 73.)

2. Use the Navigation key to browse pictures in the gallery.
3. Press the **Options** soft key while viewing pictures in the Gallery. The following options appear in the display:
 - **Send** — Send a copy of the highlighted picture by Bluetooth.

- **Set As** — Assign the currently displayed or highlighted picture to be standby screen Main Wallpaper, as a Picture ID for someone in your Contacts list, or as Front Wallpaper.
 - **Rename** — Rename the currently displayed or highlighted picture.
 - **Lock / Unlock** — Lock the currently displayed or highlighted picture so that it cannot be deleted, or unlock the picture so that it can be deleted.
 - **Erase Files** — Erase selected unlocked pictures in the Picture Gallery. Locked pictures must be unlocked before you can erase them.
 - **Picture Info** — View the Title, time and date created, size, and resolution of the currently highlighted or displayed picture.
4. Select the desired option to perform the function for the option or enter its sub-menu.

Switch From Expanded to Thumbnail Mode


1. Highlight a picture that you wish to view full size, then press **VIEW** (OK).
2. To return to the thumbnail view of your photos, press **VIEW** (OK).

Section 12: Multimedia

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

Accessing Multimedia

1. In standby mode, press **Menu** (OK), then select **Multimedia**. The following 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 63.)
 - **My Images** — Lets you choose the pictures that appear in your phone's display.
 - **My Ringtones** — Lets you assign ringtones for Ringtone (calls), Contact ID, and Alert Tone.
 - **My Sounds** — Lets you assign sound files as ringers for Ringtone (calls), Contact ID, and Alert Tone.

Tip: To launch the Multimedia menu using a voice command — In standby mode, press and hold  until the phone prompts, "Say a command." Say "Go to Multimedia" into the microphone.

2. Select the desired sub-menu. The following sections describe the above listed sub-menus in greater detail.

My Images

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

1. At the **Multimedia** menu, select **My Images**. A matrix of thumbnail images of your pictures appears in the display.




Tip: You can also access My Images from:

- The **Camera** screen by pressing the **My Images** soft key
- The **Edit Contact** screen by selecting the picture ID field and pressing the **Set** soft key.

-
2. Highlight a picture, then press **OK** to expand the highlighted picture to fill the screen.
 3. Press the **Options** soft key.

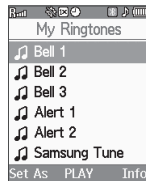
A pop-up menu containing the following options appears in the display:

- **Send** — Send a copy of the highlighted picture by text message or Bluetooth.
 - **Set As** — Lets you assign the selected picture as the **Main Wallpaper**, as the **Picture ID** for a Contact, or as the **Front Wallpaper**.
 - **Rename** — Lets you rename the picture.
 - **Lock / Unlock** — Lets you prevent/permit picture deletion.
 - **Erase Files** — Erases one or more selected pictures.
 - **Picture Info** — Displays information about the picture, such as the picture **Name**, creation **Date** and **Time**, **Resolution**, and the data **Size**.
4. Select the desired option.
 5. To return to the previous menu, press **CLR**. To return to standby mode, press .

My Ringtones

My Ringtones lets you assign ringtones (preloaded and downloaded) for Ringtone, Contact Id, and as Alert Tone.

1. At the **Multimedia** menu, select **My Ringtones**. A list of ringtones appears in the display.



Tip: You can also access My Ringtones from:


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

(For more information, refer to “Alarm Clock” on page 54.)

—The **Edit Contact** screen by selecting the **Ringtone** field, pressing the **Set** soft key, and selecting **My Ringtones**.

(For more information, refer to “Editing a Contacts Entry” on page 36.)

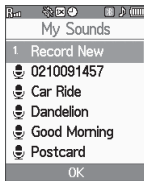
2. Use the Navigation key to highlight a particular ringtone.
 - Press **OK** to **PLAY** the ringtone.
 - Press the **Info** soft key to show the Title and File Type.
3. Press the **Set As** soft key to assign the highlighted ringtone. The following options appear in the display:
 - **Ringtone** — Lets you assign the selected ringtone to incoming voice calls.

- **Contact ID** — Lets you assign the selected ringtone as the distinctive ringer for a Contact.
 - **Alert Tone** — Lets you assign the selected ringtone to **All Msg**, **Text Msg**, or **Voicemail Msg**.
4. Select the desired option.
 5. To return to the previous menu, press **CLR**. To return to standby mode, press .

My Sounds

My Sounds lets you record voice memos and lets you assign preloaded and downloaded sound files as Ringtones, Contact IDs, or Alert Tones.

1. At the **Multimedia** menu, select **My Sounds**. **Record New** and a list of sound files appears in the display.




Tip: You can also access My Sounds from:

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

–The **Edit Contact** screen by selecting the **Ringtone** field, pressing the **Set** soft key, and selecting **My Sounds**.

2. Use the navigation keys to highlight the **Record New** option, then press **OK** to record a voice memo. (See “Record New Voice Memo” on page 76 for more information.)
3. Press the **Options** soft key.
 - For a preloaded sound file, a pop-up menu containing the following options appears in the display:
 - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, or Voicemail messages.
 - **Erase All** — Erases all sound files.
 - **Sound Info** — Displays information about the sound file, such as the Title, File Size, and File Type.
 - For a recorded sound file, a pop-up menu containing the following options appears in the display:
 - **Send** — Send a copy of the highlighted picture by Bluetooth.
 - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, or Voicemail messages.
 - **Rename** — Lets you rename the sound file.
 - **Lock / Unlock** — Lets you protect the sound file from being deleted.
 - **Erase All** — Erases all sound files.
 - **Sound Info** — Displays information about the sound file, such as the Title, File Size, and File Type.

- Select the desired option.
- To return to the previous menu, press **CLR**. To return to standby mode, press .

Record New Voice Memo

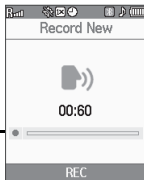
You can use your phone to record voice memos for later playback. You can also record the caller on the other end of the line during a phone conversation.

Note: There is limited space for the length of recordings.

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

Record a Voice Memo

- At the **Multimedia** menu, select **My Sounds** → **Record New**. The **Record New** screen appears in the display.

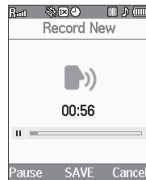


Tip: You can also set your phone to record a Voice Memo while in a call. This lets you record the phone call. (For more information, refer to “The In-Use Options Menu” on page 22.)

- Press **OK**, then start speaking. As it is recording the phone displays a countdown timer that shows the seconds remaining for the recording.

- To pause the memo, press the **Pause** soft key. When a memo is paused, select **Resume** to continue recording.

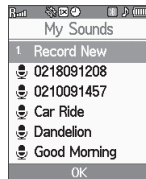
- Press **OK** once you're finished recording. The new recording is automatically saved.



Review Voice Memos

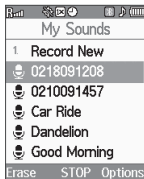
If you've saved any voice memos, you can review them anytime.

- At the **Multimedia** menu, select **My Sounds**. A list of sound files appears in the display.
- Use the navigation keys to highlight the voice memo you wish to review.



3. Press **OK** to play the voice memo.
 - To stop the memo, press **OK**. Press **OK** again to restart playing the memo.

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



Erase a Voice Memo

1. At the **Multimedia** menu, select **My Sounds**. A list of sound files appears in the display.
2. Use the navigation keys to highlight the voice memo you wish to erase.
3. Press the **Erase** soft key. "**Erase Sound?**" appears in the display.
4. Press the **Yes** soft key to erase the selected voice memo or press the **No** soft key to return to the list of sound files.

Section 13: Tools

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

Tools Menu

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

Opening Tools Menu

1. In standby mode, press **Menu** (OK), then select **Tools**. The following sub-menus appear in the display:
 - **Memo Pad** — Lets you store and review useful information.
 - **World Time** — Lets you view the current time of day or night in another part of the world.
 - **Calculator** — Lets you perform calculations, including addition, subtraction, multiplication, and division.
 - **Stop Watch** — Lets you view the amount of time.
 - **Converter** — Lets you convert currencies (according to the latest rates) and weights, measures, and temperatures from one system or increment to another.

- **Tip Calculator** — Lets you quickly calculate service gratuities with a minimum of keypresses.

Tip: To launch the **Tools** menu using a voice command — In standby mode, press and hold **OK** until the phone prompts, "Say a command." Say "Go to Tools" into the microphone.

2. Select the desired Tool sub-menu.

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

Memo Pad

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

Add a Memo

1. At the **Tools** menu, select **Memo Pad**. If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, "No memos" appears in the display.
2. To add a new memo, press the **Add** soft key.

3. Enter memo text using the keypad. (For more information, refer to “Entering Text” on page 29.)
4. When you're finished entering memo text, press **OK** to save the memo.

View, Edit, and Erase Memos


1. At the **Tools** menu, select **Memo Pad**. A list of your stored memos appears in the display.
2. Highlight the desired memo.
3. To view the memo, press **VIEW** (**OK**).
4. To edit the memo you are viewing, press the **Edit** soft key. Enter text changes using the keypad. (For more information, refer to “Entering Text” on page 29.)
5. To erase the memo you are viewing, press the **Options** soft key, then select **Erase**. You are prompted to verify the erasure.
 - To erase the memo, press the **Yes** soft key.
 - To keep the memo, press the **No** soft key.

World Time

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

1. At the **Tools** menu, select **World Time**. A world map appears in the display.
2. To display the time zone and city that you wish to view, press the Navigation key Left or Right.
– or –

Press the **Options** soft key and select **Go to City**, then press the Navigation key or the Volume key Up or Down.

3. Do one of the following:
 - To show Daylight Savings Time (DST) for the displayed time zone, press the **DST On** soft key [the DST on icon () appears]; or press the **DST Off** soft key to display standard time.
 - To set the displayed time zone as the home time zone for your phone, press the **Options** soft key and select **Set as home zone**. You are prompted to confirm the Home Zone change. To save your change, press the **Yes** soft key. The home zone marker moves to the displayed time zone.
 - To keep the displayed time zone as a second, default time zone, press **OK**. You are returned to the **Tools** menu.

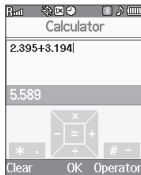
- To discard the displayed time zone and close the World Time screen, press **CLR**. You are returned to the **Tools** menu.

Calculator

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

- At the **Tools** menu, select **Calculator**.

The **Calculator** appears in the display.



- Enter the first number in your calculation using the keypad (numbers can be up to nine digits long).
 - To enter a decimal point, press **[.]**. (Calculator only accepts 3 digits after a decimal point.)
 - To change the sign for a number to a negative, press **[+/-]**.
- Use the Navigation key to set the type of calculation that you wish to perform. Your choices are as follows:
 - Up** navigation key — **[x]** Multiplication
 - Left** navigation key — **[-]** Subtraction
 - OK** key — **[=]** Equals/Total
 - Right** navigation key — **[+]** Addition
 - Down** navigation key — **[÷]** Division

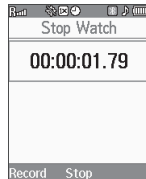
For nested operations [such as $(1.81 + 9.34) / 5.22$] and to calculate powers (such as 3^2), press the **Operator** soft key. The following options appear in the display:

- (** — Beginning of nested operation
 -)** — Ending of nested operation
 - Power** — Raise the current number to the power of your next entry
- Use the keypad to enter the next number in your calculation.
 - Repeat steps 3 and 4 as needed.
 - To perform the calculation and view the result, press **OK**.
To clear your last operation or number entry, press **CLR**.
To clear all of your entries, press the **Clear** soft key.

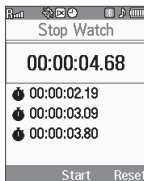
Stop Watch

You can use this menu to set a stop watch.

- At the **Tools** menu, select **Stop Watch**.
- Press **OK** to Start, Stop, and continue the stopwatch count.



3. Press the **Record** soft key at the start of each succeeding event/lap to record the completion time for the previous event/lap.
4. Press the **Reset** soft key to erase all stop watch (lap) times recorded.



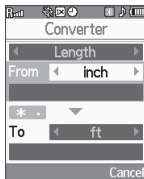
Converter

The conversion menu provides the following conversion features:

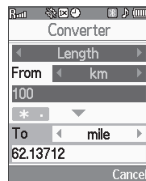
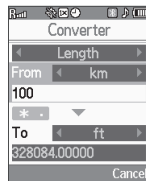
- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. At the **Tools** menu, select **Converter**.
2. Select the conversion feature you wish to use. The selected conversion feature screen appears in the display with the **From** unit field highlighted.



3. Use the Left and Right navigation keys to select the unit to be converted **From**.
4. Highlight the **From** quantity field.
5. Use the keypad to enter the quantity you want converted in the **From** quantity field.
6. Highlight the **To** unit field.
7. Use the Left and Right navigation keys to select the units to be converted **From** and **To**. The converted quantity appears in the **To** quantity field.



Note: To include a decimal point, press $\left[\frac{\square}{\square} \right]$.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. At the **Tools** menu, select **Converter** → **Currency**.

2. Press the **Rate** soft key. The **Exchange Rate** list for the **CAD** (Canadian Dollars) currency appears in the display.
3. Highlight the currency exchange rate you want to review or change.
4. To change the highlighted exchange rate, press **EDIT** (OK).
5. Use the keypad to change the current exchange rate. (For more information, refer to “*Entering Numbers*” on page 30.)
 - To save the changed exchange rate, press **OK** (OK).
 - To discard your changes and return to the Currency Converter screen, press the **Cancel** soft key.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. At the **Tools** menu, select **Converter → Currency**.
2. Press the **Rate** soft key. The **Exchange Rate** list for the **CAD** (Canadian Dollars) currency appears in the display.
3. Press the **Add** soft key. The **Add Exchange Rate** screen appears in the display with the **Base** field highlighted.

4. Use the Left and Right navigation keys to select the Base currency to be converted from.
5. Highlight the **Currency** field.
6. Enter an identifier of up to 5 characters for the new currency using the keypad. (For more information, refer to “*Entering Text*” on page 29.)
7. Highlight the **Exchange Rate** field.
8. Enter a decimal exchange rate for the new currency using the keypad. (For more information, refer to “*Entering Numbers*” on page 30.)

Note: Press the **[*+]** key to enter the decimal point.

The **Exchange Rate** field only accepts up to 5 digits after the decimal point.

9. To save the new exchange rate, press **OK**. The **Exchange Rate** list for the **CAD** (Canadian Dollars) currency appears in the display with your new exchange rate at the bottom of the list.

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:

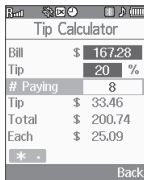
1. At the **Tools** menu, select **Converter → Currency**.
2. Press the **Rate** soft key. The **Exchange Rate** list for the **CAD** (Canadian Dollars) currency appears in the display.
3. Highlight the currency exchange rate to be erased.
4. Press the **Erase** soft key. You are prompted to confirm the erasure.
 - To erase the highlighted exchange rate, press the **Yes** soft key.
 - To keep the highlighted exchange rate, press the **No** soft key.

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.



Tip Calculator	
Bill	\$ 167.28
Tip	20 %
# Paying	8
Tip	\$ 33.46
Total	\$ 200.74
Each	\$ 25.09
[*] [.] [Back]	

1. At the **Tools** menu, select **Tip Calculator**. The Tip Calculator screen appears in the display with the **Bill** field highlighted.
2. Use the keypad to enter the total amount of the bill.

Note: To include a decimal point, press the **[*][.]** key.


3. If needed, highlight the **Tip** field and use the keypad to change the tip percentage.
4. If needed, highlight the **# Paying** field and use the keypad to change the number of persons paying.
5. The amount of the Tip, the bill Total, and the amount each person should pay appear in the lower half of the screen.

Section 14: Changing Your Call and Phone Setting

This section explains how to customize your call and phone settings to suit your needs and preferences.

Accessing Your Call and Phone Settings

1. In standby mode, press **Menu** () , then select **Settings**.

Tip: To launch the **Settings** menu using a voice command — In standby mode, press and hold  until the phone prompts, “Say a command.” Say “Go to Settings” into the microphone.

The **Settings** menu appears in the display showing the following options and sub-menus:

- **Call Settings** — Set how your phone handles voice calls.
 - **Phone Settings** — Set your phone’s safety, network, and security options.
 - **Memory Info** — Select where photos are stored and manage your phone’s memory.
 - **Phone Info** — Access information about your phone, such as your phone number, meanings of phone status icons, hardware and software versions, and more. (Some of this information is valuable to you if you need to call for customer support.)
2. Select the desired option or sub-menu.

Call Settings

The Call Settings options let you select how your phone handles voice calls.



To access the Call Settings sub-menu, do the following:


- ▶ At the **Settings** menu, select **Call Settings**. The **Call Settings** sub-menu appears in the display.

The following sub-sections detail the available Call Settings.

Call Answer

You can select a specific answer mode when you receive an incoming call. Your phone can be preset to answer when you do any of the following:

- Press any key
 - Press the Send key
 - Open the flip
1. At the **Call Settings** sub-menu, select **Call Answer**. The **Call Answer** sub-menu with the following options appears in the display:
 - **Any Key** — Press any key except the  ,  , or Left soft key to answer an incoming call.

- **Send Key** — Press  to answer an incoming call.
- **Flip Open** — Open the flip to answer an incoming call.

Tip: You can set your phone to answer calls automatically, without any input from you. (For more information, refer to “Auto Answer” on page 85.)

2. Select the method you wish to use for answering calls.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. At the **Call Settings** sub-menu, select **Auto Answer**. The following options appear in the display:
 - **Off** — Disables automatic answering of calls
 - **After 1 Second** — Phone automatically answers calls after 1 second
 - **After 3 Seconds** — Phone automatically answers calls after 3 seconds
 - **After 5 Seconds** — Phone automatically answers calls after 5 seconds
2. Select the desired setting.

Note: Auto Answer only works when the CarKit or Headset are connected.

Auto Retry

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

1. At the **Call Settings** sub-menu, select **Auto Retry**. The **Auto Retry** sub-menu with the following options appears in the display:
 - **Off** — Disables automatic redialing of numbers
 - **Every 10 Seconds** — Phone automatically redials a number every 10 seconds
 - **Every 30 Seconds** — Phone automatically redials a number every 30 seconds
 - **Every 60 Seconds** — Phone automatically redials a number every 60 seconds
2. Select the desired setting.

TTY Mode

Your phone is fully TTY compatible. TTY equipment is connected to your phone through the headset connector on the right side of the phone. TTY




Mode must be enabled before you can use your phone with a TTY device.

1. At the **Call Settings** sub-menu, select **TTY Mode**. You are prompted to confirm you want to change the current TTY Mode setting.

Note: The “**Enabling TTY may impair headset use and non-TTY accessory performance**” message pops up when you select **TTY Mode**.

- To access the TTY Mode options, press the **Yes** soft key.
 - To return to the **Call Settings** sub-menu, press the **No** soft key.
2. When you press the **Yes** soft key, the following options appear in the display:
 - **TTY Full** — Enables TTY mode and disables microphone and earpiece
 - **TTY + Talk** — Enables TTY mode and microphone
 - **TTY + Hear** — Enables TTY mode and earpiece
 - **TTY Off** — Disables TTY mode
 3. Select the desired TTY Mode setting.

Note: The TTY icon () appears in the top of the display when the phone is in standby mode.

Phone Settings

The Phone Settings options let you tailor your phones basic operations. To access the Phone Settings sub-menu, do the following:

- ▶ At the **Settings** menu, select **Phone Settings**. The **Phone Settings** sub-menu appears in the display.

The following sub-sections detail the available Phone Settings.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from receiving or making calls (except emergency calls), but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. At the **Phone Settings** sub-menu, select **Airplane Mode**. The following options appear in the display:
 - **On** — Disables the radio transmitter and receiver in your phone
 - **Off** — Enables the radio transmitter and receiver in your phone
2. Select the desired Airplane Mode setting.

Shortcut Key

Shortcut Key lets you set which feature, function, or application launches when you press the Up navigation key while in standby mode.

1. At the **Phone Settings** sub-menu, select **Shortcut Key**.

The following options appear in the display:

- My Images
- My Ringtones
- My Sounds
- Inbox
- Tools
- Calculator
- Tip Calculator
- Converter
- Calendar
- Alarm Clock
- Stop Watch

2. Select the desired setting.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

1. At the **Phone Settings** sub-menu, select **Language**. The following options appear in the display:

- English
- French

2. Select your language preference.

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** menu, do the following:

1. From the **Settings** menu, select **Phone Settings** → **Security**.

The “Enter Code” prompt appears in the display.

2. Enter the four-digit lock code using the keypad.

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

The “Enter Code” prompt disappears and the **Security** menu appears in the display.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the

phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. At the **Security** sub-menu, select **Lock Phone**. The following Device Lock Mode options appear in the display:
 - **Lock** — Locks the phone immediately. (The phone stays locked until you enter the lock code.)
 - **Unlock** — Unlocks the phone.
 - **On Power up** — The phone locks automatically the next time your phone is powered on. (The phone stays locked until you enter the lock code.)
2. Select the Device Lock Mode option of your choice.

Change Lock

The default lock code for your phone is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. At the **Security** sub-menu, select **Change Lock**. You're prompted to enter the new lock code.
2. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
3. Enter the new lock code again. Your changes are stored.

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

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time, even when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.


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

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


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

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

Store Emergency Numbers

1. At the **Security** sub-menu, select **Emergency #**.
2. Select from the three emergency number entries.
3. Enter an emergency number (up to 32 digits in length).
4. Press  to save the number that you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number.
2. Press  to place the call.

Resetting Your Phone

Reset Phone returns all setup options to their factory default.

1. At the **Security** sub-menu, select **Reset Phone**. You are prompted to confirm that you want to restore your phone's default settings (except for the Contacts and Voice Dial).
 - To restore default settings, press the **Yes** soft key.
 - To retain your current settings and return to the **Security** sub-menu, press the **No** soft key.

Erase All Entries

Erase All Entries erases all information from your Contacts list.

Note: To completely remove any personal information stored on your device.

1. At the **Security** sub-menu, select **Erase All Entries**.

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


2. The “**Erase All Entries?**” prompt appears in the display.
 - To erase all Contacts list entries, press the **Yes** soft key.
 - To keep the current Contacts list entries, press the **No** soft key.

Restriction

Restriction lets you limit the use of your phone to make outgoing calls and/or to receive incoming calls to any numbers, to no numbers, or to calls from/to your Contacts.

1. At the **Security** sub-menu, select **Restriction**.

The following options appear in the display:

- **Outgoing** — Restrict/allow outgoing calls.
 - **Incoming** — Restrict/allow incoming calls.
 - **Contacts** — Restrict/allow all access to your Contacts list.
2. Highlight the desired Restriction and press . The following options appear in the display:
 - **On** — Restrict (block) selected calls.
 - **Off** — No restriction on selected calls.

Note: Default setting for all Restrictions is **Off**.

3. Select the desired setting.

NAM Selection

The **Network** menu allows you to select **NAM** (Number Assignment Module) settings for your phone. You can store two **NAM** settings, which are essentially telephone numbers, for your phone.

1. At the **Phone Settings** sub-menu, select **NAM Selection**.

The following options appear in the display:

- **NAM1** — Your service contract has one phone line.
- **NAM2** — Your service contract has two phone lines.

2. Select the desired NAM option. The phone powers itself off and back on.

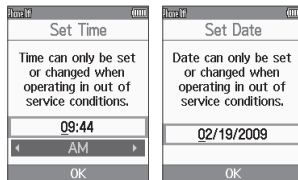
Set Time

Use the **Set Time** option to set the current date and time.

1. At the **Phone Settings** sub-menu, select **Set Time**. The following options appear in the display:
 - **Set Time**
 - **Set Date**
2. Select the desired option.

For **Set Time**, the **Set Time** screen appears in the display.

For **Set Date**, the **Set Date** screen appears in the display.



- Enter the current time using your keypad. The hour and minute must be entered using two digits each and in 12-hour format.
- Use the Left and Right navigation keys to select **am** or **pm**.
- Press **OK** to save your time setting.
- Enter the current date using your keypad. The month and day must be entered using two digits each. The year must be entered using all four digits.
- Press **OK** to save your date setting.

Quick Search

Quick Search is an easy way to locate Menu items and Contacts.

1. At the **Phone Settings** sub-menu, select **Quick Search**. The following options appear in the display:
 - **On** — Quick Search is enabled
 - **Off** — Quick Search is disabled

2. Select the desired Quick Search setting.

Searching for a Menu Item

1. In standby mode, press the first few numeric keys that correspond to the letters of the desired Menu item name.

For example, to search for “Inbox” you could enter:




2. Press the Down navigation key. The **Menu List** screen appears in the display showing all menu items with names that correspond to your key entries.
3. Select the desired menu item.

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the Contacts name.

For example, to search for “Sally” you could enter:



2. Press the **Up** navigation key. The **Find** screen appears in the display showing the Contacts entries with names that correspond to your key entries.
3. Highlight the desired Contacts entry.
4. Press  to call the highlighted Contact.


Memory Info

Memory Info options let you review your phone's available memory and help you manage your files stored there.

To access the Memory Info options:


- ▶ At the **Settings** menu, select **Memory Info**. The following options appear in the display:


Memory Usage

1. At the **Memory Info** screen, select **Memory Usage**. The **Memory Usage** screen appears in the display showing the following information:
 - **Total Used** memory
 - **Available** unused memory
 - **My Images** memory usage
 - **My Sounds** memory usage
2. To return to the **Settings** menu, press .

My Images

My Images lets you review a list of the pictures you have stored on your phone and free memory for reuse by deleting unwanted pictures.


Tip: You cannot view your pictures from this files list. To view your pictures, press  → **Menu** → **Multimedia** → **My Images**.

1. At the **Memory Info** screen, select **My Images**. The **My Images** screen appears in the display listing the picture files currently stored in your phone.
2. To delete one or more image files, press the **Erase** soft key. The **Erase Picture** screen appears in the display.
 - To MARK individual picture files for erasure, select each file. A checkmark appears to the left of each picture entry.
 - To Mark All picture files for erasure, press the **Mark All** soft key.
 - To erase the marked files, press the **Done** soft key.
3. To return to the **Memory Info** menu, press **OK** (.

My Sounds

My Sounds lets you review the a list of recorded Voice Memos and sound files you have stored on your phone and free memory for reuse by deleting unwanted files.

Tip: You cannot review your recorded Voice Memos and sound files from this files list. To review your recorded Voice Memos and sound files, press 
→ **Menu** → **Multimedia** → **My Sounds**.

1. At the **Memory Info** screen, select **My Sounds**. The **My Sounds** screen appears in the display listing the recorded sound files currently stored in your phone.
2. To delete one or more recorded sound files, press the **Erase** soft key. The **Erase Sound** screen appears in the display.
 - To MARK individual sound files for erasure, select each file. A checkmark appears to the left of each sound entry.
 - To Mark All sound files for erasure, press the **Mark All** soft key.
 - To erase the marked files, press the **Done** soft key.
3. To return to the **Memory Info** menu, press **OK** (.

Phone Info

The Phone Info options show you the hardware and software versions of your phone, definitions of the icons that appear at the tops of the phone displays, and the phone number assigned to your phone.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by your service provider.

1. At the **Settings** menu, select **Phone Info → Phone Number**. The phone number appears in the display.
2. To return to the **Phone Info** menu, press **OK**.

Icon Glossary

This option causes the Icon Glossary list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. At the **Settings** menu, select **Phone Info → Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.
2. Use the Up and Down navigation keys or the Volume key to scroll through the icons list.
3. To return to the **Phone Info** menu, press **OK**.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. At the **Settings** menu, select **Phone Info → Version**.

Your phone's software (S/W), preferred roaming list (PRL), and hardware-related information (H/W, MEID, and pESN) appears in the display.

2. To return to the **Phone Info** menu, press **OK**.

Section 15: Calendar

Calendar

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

View an event

1. In standby mode, press **Menu** (OK), then select **Calendar**.

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

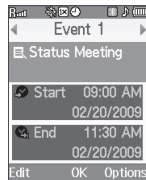


2. Use the following keys to navigate your calendar and highlight a desired date.
 - To move from one day to another, use the Left/Right navigation keys.
 - To move from one week to another, use the Up/Down navigation keys.
 - To view previous months, press the Volume key Up.
 - To view future months, press the Volume key Down.
 - To access other options, press the **Options** soft key while viewing the calendar. The following options appear in the display:

- **Go to Date** — Lets you jump to any date you specify.
- **Go to Today** — Lets you jump to today's date.
- **Erase Old** — Lets you erase past events.
- **Erase all** — Lets you erase all events.

Select the desired option to perform the related process.

3. Open the highlighted date by pressing **OK**. A list of scheduled events appears in the display.
4. Select the desired event. Information for the selected event appears in the display.

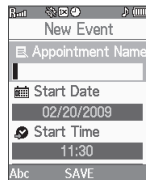


Add a New Event

1. In standby mode, press **Menu** (OK), then select **Calendar**.

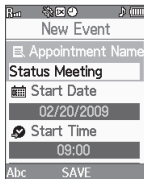
A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Highlight the date of the new event.



3. Press the **Add** soft key. The **New Event** screen appears in the display.
4. To select and enter details of the event, use the Navigation key and the keypad. (For more information, refer to “Entering Text” on page 29.)
5. Enter the **Appointment Name** for this event.

6. Enter the start and End dates and times for the event using the keypad. Enter the dates and times for the event using 2 digits for day, month, hour, and minute entries. Use 4 digits for year entries.



7. To change between **AM** and **PM**, use the Left and Right navigation keys.
8. When you're finished entering the dates and times, to highlight the **Alert** field, use the Up and Down navigation keys. To select a type of alert, use the Left and Right navigation keys.

9. Highlight the **Reminder** field, and set the Reminder to Off or to select a reminder interval using the Left and Right navigation keys.
10. Highlight the **Alert time** field, use the Up and Down navigation keys, then select the amount of time before the event occurs that you wish to be notified by an alert using the Left and Right navigation keys.
11. To store the event in your calendar, press **SAVE (OK)**. An alert will notify you prior to the event, if you set a notification alert.

Section 16: Bluetooth

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

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

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

Turn Bluetooth On/Off

When your phone's Bluetooth function is turned on, you can use the Bluetooth features available. When the Bluetooth function is turned off, you cannot send or receive information via Bluetooth.

To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology function.

(For more information, refer to “*Bluetooth Settings*” on page 97.)

Add New Device

To search for available Bluetooth devices:

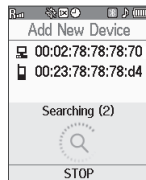
1. In standby mode, press **Menu** (**OK**), then select **Bluetooth** → **Registered List** → **Add New Device**.

If Bluetooth is off, you are prompted to “Turn Bluetooth on?”.

- To turn Bluetooth on, press the **Yes** soft key.
- To leave Bluetooth off, press the **No** soft key.

“Place device you are connecting to in discoverable mode” appears in the display.

2. Place the Bluetooth device in discoverable mode. (For more information, refer to the device user manual.)
3. Press **OK** (**OK**). Names of the available devices appears in the display.
4. Highlight the device you want to pair with your phone.



5. Press **PAIR** (OK) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device. (For more information, refer to the device user manual.)

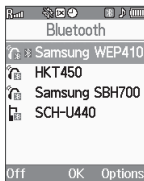
Note: If you are pairing with another handset, both devices prompt you to enter a PIN. To pair the two handsets, enter the same PIN on both devices.

6. Enter the device passkey or PIN and press OK. The Bluetooth function pairs with the selected device, then prompts you to confirm that you want to connect with the device now.
 - To connect with the device now, press the **Yes** soft key.
 - To connect with the device at a later time, press the **No** soft key.

Registered List

Registered List provides a list of Bluetooth wireless technology devices previously connected to your handset.

- ▶ In standby mode, press **Menu** (OK), then select **Bluetooth** → **Registered List**. The **Bluetooth** screen appears in the display showing a list of devices previously connected to your device.



Connecting to a Bluetooth Device

From the Registered List,

- ▶ Select the desired device.

Note: If you are unable to pair with the device a pop-up appears in the display. To retry, press the **Yes** soft key.

Bluetooth Settings

1. In standby mode, press **Menu** (OK), then select **Bluetooth** → **Bluetooth Settings**. The following options appear in the display:
 - **Enable / Disable** — Turns Bluetooth on or off.
 - **Discovery Mode** — Lets other devices “see” (access) your device. Select **On** for other devices to see your device, or **Off** for no visibility.
 - **Device Name** — Shows the handset name. You may change this name. Enter text changes and press OK to save them.
 - **Supported Profiles** — Lists and explains the Bluetooth profiles supported by your phone.
 - **Device Info** — Shows the Bluetooth Type, Status, and Address of your phone.
2. Select the desired option to perform the related process.

Section 17: Voice Service

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


1. In standby mode, press **Menu** (OK), then select **Voice SVC**.

The following options appear in the display:

- **Voice Commands** — Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. (Also see “*Making a Call — Voice Dialing*” on page 20 and “*Voice Method*” on page 33 for more information.)
 - **Voice Settings** — Lets you adjust VoiceSignal to better suit your needs.
2. Select the desired sub-menu.

Voice Commands

To start VoiceSignal, do one of the following:

- In standby mode, press and hold .
“**Say a Command**” appears in the display and is pronounced through the earpiece, followed by a list of available commands.
- At the **Voice SVC** menu, select **Voice Commands**.

Note: You can also set your phone to start VoiceSignal when you open the phone. (For more information, refer to “*Voice Launch*” on page 101..)

VoiceSignal includes the following commands:

- **Call** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or “train” that name.
VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (For more information, refer to “*Making a Call — Voice Dialing*” on page 20..)
- **Send Text** — Lets you launch the **Create Txt Msg** screen. (For more information, refer to “*Create and Send Text Messages*” on page 45..)
- **Lookup** — Lets you look up and display contact information for any name stored in your Contacts list by saying the name. (For more information, refer to “*Finding a Contacts Entry*” on page 33..)
- **Go to** — Lets you access all of the Main Menus on your phone.
- **Check** — Lets you check your phone's status (that is, network coverage, signal strength, and battery in the same report), network coverage, signal strength, battery, and phone number.

Note: Speaking clearly, say the command that you want to use.

If, after a few seconds, the device has not recognized a command, it prompts you to repeat the command.

If, after a few more seconds, it still has not recognized a command, it tells you **“Sorry, no match found,”** and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice-Activating Your Contacts List

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

Ending Calls Before Restarting the VoiceSignal Software

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

Voice Settings

Choice Lists

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

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

To change the way VoiceSignal uses choice lists:

- ▶ At the **Voice SVC** menu, select **Voice Settings → Choice Lists** the following options appear in the display:
 - **Automatic**—VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
 - **Always On**—VoiceSignal always displays a choice list, even when there is only one choice.
 - **Always Off**—VoiceSignal never displays a choice list.

Select the preferred Choice List behavior.

Sensitivity

1. At the **Voice SVC** menu, select **Voice Settings → Sensitivity**. The **Sensitivity** screen appears in the display.
2. Use the Navigation key to adjust the selected Sensitivity setting toward **Reject More** spoken commands or names or toward **Reject Less** spoken commands or names.
3. To accept the new setting, press **OK**.

Digit Dialing

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

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the Digit Dialing to factory defaults. (For more information, refer to “Reset Digits” on page 101..)

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

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.

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

Adapt Digits

To adapt digit dialing, do the following:

1. At the **Voice SVC** menu, select **Voice Settings → Digit Dialing → Adapt Digits**.

Your phone displays the first digit sequence and “**Please say**” plays through the speaker followed by the four digits appearing in the display.

2. 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.

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

Reset Digits

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

1. At the **Voice SVC** menu, select **Voice Settings → Digit Dialing → Reset Digits**.

The phone prompts you to confirm digit reset.

2. To reset your digit adaptation, press the **OK** soft key. To cancel, press the **Back** soft key.

Sound

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

1. At the **Voice SVC** menu, select **Voice Settings → Sound**.

The following options appear in the display:



- **Prompts** — Enables (**On**) or disables (**Off**) playing of prompts.
- **Digits** — Enables (**On**) or disables (**Off**) playing of digits.
- **Names** — Enables (**On**) or disables (**Off**) playing of names.
- **Name Settings** — Lets you adjust the speed and volume of your phone’s audio name playback.


2. Select the desired option and setting.

Voice Launch

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

1. At the **Voice SVC** menu, select **Voice Settings → Voice Launch**. The following options appear in the display:

- **Key Only** — Press and hold  to activate VoiceSignal for one call.
- **Key/Ear Mic** — Attach a headset to your phone. Press and hold  to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by pushing the button on the headset.

- **Key/Flip** — Press and hold  or open the flip to activate VoiceSignal for one call.
2. Select the Voice Launch option you want.

About VoiceSignal

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

1. At the **Voice SVC** menu, select **Voice Settings → About**.

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

Section 18: Health and Safety Information

Getting the Most Out of Your Reception

Keeping Tabs on Signal Strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Try not to cover the phone's antenna.
- Speak directly into the mouthpiece.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it's inoperable, return it to a dealer store or call Customer Support for service.

Note: For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

Maintaining Safe Use of and Access to Your Phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN Canada, USE AN ATTACHMENT PLUG ADAPTER OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

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 ELECTRICAL SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTIONS TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTER OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN THE A VERTICAL OR HORIZONTAL OR FLOUR MOUNT POSITION.

Using Your Phone While Driving

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

When using your phone in the car:

- Get to know your phone and its features, such as speed dial and re-dial.
- When available, use a hands-free device.
- Position your phone within easy reach.

- Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when stationary or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may divert your attention from the road.
- Dial 911 to report serious emergencies. It's free from your wireless phone.
- Use your phone to help others in emergencies.
- Call roadside assistance or a special non-emergency wireless number when necessary.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment

systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Note: Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked.

They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Note: Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

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, dial 911 by mistake or make calls that increase your phone bill.

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.

Caring for the Battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung approved batteries and travel adapters. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.

- It's best to replace the battery when it no longer provides acceptable performance. When used correctly, the battery can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
 - Less than one month:
4° F to 140° F (-20° C to 60° C)
 - More than one month:
4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Li-Ion) Batteries

For safe disposal options of your Li-Ion batteries, contact your nearest service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

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

Acknowledging Special Precautions and Industry Canada Notice

Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and will invalidate 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 hardware and can be broken. Use common-sense guidelines to avoid dropping, hitting, bending or sitting on it.

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.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient / relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rates (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the SCH-R312 are:

0.79 W/kg CDMA Head SAR

1.09 W/kg PCS Head SAR

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SCH-R312

Serial No.:

User Guide Proprietary Notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,307 5,109,390 5,267,262 5,416,797

5,506,865 5,544,196 5,657,420 5,101,501

5,267,261 5,414,796 5,504,773 5,535,239

5,600,754 5,778,338 5,228,054 5,337,338

5,710,784 5,056,109 5,568,483 5,659,569

5,490,165 5,511,073

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

Section 19: Warranty Information

STANDARD LIMITED WARRANTY

What is Covered and For How Long? SAMSUNG Electronics Canada Inc. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date.

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product; or (g) Product used or purchased outside Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if: (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (l) any of the seals on the battery are broken or show evidence of tampering; or (IA) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-800-Samsung. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits On SAMSUNG's 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 JURISDICTIONS 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 JURISDICTIONS 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 PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND SHALL BE 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.

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