



ProfileTM

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 phone.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone.

A robust index for quick reference to most features begins on page 98.

Important safety information that you should know before using your phone is near the back of the guide, beginning on page 68.

Notes and Tips

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

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

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

highlight Use the Navigation key () to move a highlighting effect onto a menu item or screen item of interest.

select After “highlighting” a menu item or screen item, press the **OK** key  to launch, access, or save a highlighted menu item or screen field of interest.

→ Used in place of “select” in long “drill down” procedure steps.

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

Installing the Battery

Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery.

1. If necessary, switch off the phone.

2. Hold the device firmly and locate the cover release latch, then place your fingernail in the opening and firmly lift the cover off the device.



3. Slide the battery back into the compartment so that the tabs on the end align with the slots at the bottom of the phone.
4. Press the battery down until it snaps into place.



- ▶ Slide the battery back and lift it out and away from the phone as illustrated.



Charging the Battery

Your phone comes with a convenient, light-weight Travel Adapter for rapidly charging the battery from any 120/220 VAC outlet.

Caution! Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life.

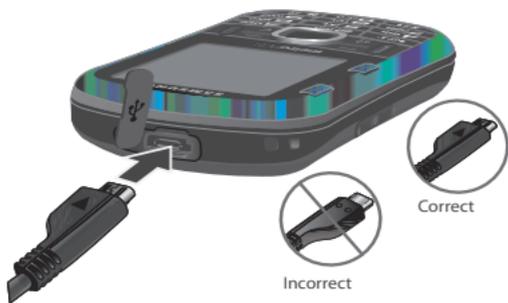
Use of other accessories may invalidate your warranty and may cause damage.

1. Plug the Travel Adapter into a standard 120/220 VAC wall outlet.
2. Connect the Travel Adapter into the Power/Accessory connector on the top of your phone.

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

Removing the Battery

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



Caution! 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 adaptor could damage your phone and void your warranty.

Low battery indicator

The battery indicator () displays in the upper-right corner of the screen. Monitor the battery strength and ensure your battery is adequately charged.



Indicates a full charge.



Indicates a near empty battery.



A blinking empty battery icon and a tone indicate you have two to three minutes before the battery power runs out.

Note: If you continue to use the phone without charging the battery, the phone shuts down.

Activating Your Phone

Contact your Wireless Carrier and follow their service instructions.

Turning Your Phone On

- ▶ With the phone closed, press and hold  until the screen lights. The phone searches for a network signal, and the time, date, and day display on the screen.

If you are outside your carrier's coverage or roaming area, the No Service icon () displays. If you cannot place or receive calls, try later when service is available, or at another location.

Important! As with any other radio-transmitting device, do not touch the antenna while using your phone because it can affect call quality and cause the phone to operate at a higher than normal power level.

Turning Your Phone Off

- ▶ With the phone closed, press and hold the  key for two or more seconds.

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

Locking and Unlocking the Phone

Locking the phone prevents unauthorized access to information on the phone, but allows dialing with the Dialer. Locking and unlocking the phone requires the Lock Code.

Locking the phone

1. In Standby mode, press **Menu** → **Settings** → **Phone Settings** → **Security**.
2. At the prompt, enter the **Lock Code**.
3. Press **Lock Phone** → **Lock**.

Note: The default Lock Code is the last four digits of your telephone number, or you can set a custom lock code.

Unlocking the phone

You may have to unlock the screen before unlocking the phone (see “Unlocking the Screen” on page 10).

1. Press any key.
2. At the prompt, enter the **Lock Code**.

Note: The default Lock Code is the last four digits of your telephone number.

Unlocking the Screen

When the phone is inactive for a period of time the screen locks to prevent accidental key presses.

To unlock the screen:

- ▶ In Standby mode, press **Unlock** → .

Setting Up Voicemail

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

Note: Once your Voicemail account is set up, you can use the **Voicemail** folder (under the **Message** menu) to view details of voice messages in the Voicemail box.

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

Listen to Voicemail

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

Memory Card (Optional)

Your phone has a Memory Card slot on its right side, behind the battery cover. You can install a microSD™ card to provide additional memory for storing files (such as, sound files and photos).

Install a Memory Card

1. Remove the back cover.
2. Locate the memory card slot, then make sure the gold contacts of the card face up, then carefully slide the memory card into the slot until you hear a click sound.
3. Replace the back cover.



Section 2: Understanding Your Phone

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

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- Bluetooth® Stereo (v2.0) Wireless Technology (see Note)
- Global Positioning (GPS) Technology
- PIM Functions
- Picture (MMS) Messaging
- Text (SMS) Messaging
- QWERTY Keypad
- Built-in 2.0 Megapixel Digital Camera
- Music Player (MP3 compatible, requires microSD™ memory card)
- Voice Dial
- Speakerphone

Note: The phone supports the wireless Handsfree Profile (HFP) and OBEX profiles for Bluetooth® wireless technology. The phone does not support the Bluetooth serial port profile.

Closed View of Your Phone



Features

- 1. Earpiece** Lets you hear ringing, alert tones, alarm tones, and the caller.
- 2. Volume Key** In Standby mode, adjusts the ring volume. When receiving a call, mutes the ringer. During a call, adjusts the voice volume.
- 3. Left Soft Key** Performs the function indicated on the bottom, left portion of the screen.
- 4. SEND Key** Places or receives calls. In Standby mode, accesses the recent call log.
- 5. Speakerphone Key** Enables/disables Speakerphone mode.
- 6. Voicemail Key** Lets you speed dial your Voicemail account to review your voice messages.
- 7. Special Function Keys** Enter special characters. In Standby mode, press and hold  to lock/unlock the keypad, press and hold  to place your phone in Vibrate mode.
- 8. OK Key** In Standby mode, launches the Main Menu. Selects a menu option or confirms/saves an input.
- 9. Camera Key** Press to launch the Camera.
- 10. Back / Clear 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** Press and hold to switch the phone on or off. When receiving a call, press to send the call to voicemail. During a call, press to end it. In Menu mode, cancels any input and returns the phone to Standby mode.
- 12. Right Soft Key** Performs the function indicated on the bottom, right portion of the screen.
- 13. Navigation Key** In Standby mode, lets you access preset functions and scroll through Shortcut Icons. In Menu mode, lets you scroll through the phone menu options.
- 14. Display** For more information, refer to *“Open View (Front) of Your Phone”* on page 14.
- 15. Headset Connector** Used to connect a headset or TTY device to your phone. (For more information, refer to *“TTY Mode”* on page 65.

Open View (Front) of Your Phone



Features

1. **Earpiece** Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.
2. **Right soft key** Performs the function indicated on the bottom, right portion of the screen.
3. **Left soft key** Performs the function indicated on the bottom, left portion of the screen.
4. **Fn Key** Text Function Key. Toggles text entry mode between **ABC** and **123** modes.

5. **Shift Key** Toggles **ABC** mode capitalization between **ABC**, **Abc**, and **abc**.
6. **space Key** Inserts a character space in text.
7. **OK Key** In Standby mode, launches the Main Menu. Selects a menu option or confirms/saves an input.
8. **Arrow (Navigation) Keys** In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions and one user-defined function.
9. **Back / Clear 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.

Closed Rear View of Your Phone

1. **Camera Lens** The lens of your built-in camera.
2. **Mirror (self portrait)**: allows you to center the camera lens for self portraits.
3. **Speaker** Allows you to hear the camera sounds, music, ringtones, alert tones, and alarm tones.



Rotated Screens

With the QWERTY keypad open, the display rotates automatically from portrait mode to landscape mode.

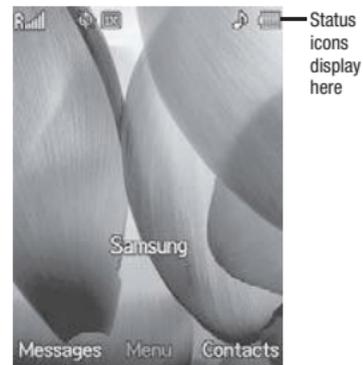
Display Screen Icons

Your phone has a glossy that defines the icons that display on the top line of the screen.

To access the Icon Glossary:

- ▶ In Standby mode, press **Menu**, then select **Settings** → **Phone Info** →

Icon Glossary. The Icon Glossary displays. These are the available icons that display on the top line of the screen.



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 the phone is idle for a period of time (set in the **Backlight** menu).

Note: During a phone call, the display backlight dims and turns off after 10 seconds. When you press a key during a call, the backlight turns on then dims for the period of time set in the Backlight settings. (See "Backlight" on page 63.) The phone screen dims for that time period and turns off after 60 seconds.

Section 3: Call Functions

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

Tip: When using the QWERTY keypad with Call Functions, it is recommended that you also use an optional headset or an optional handsfree car kit or that you place your phone in Speakerphone mode. (For more information, refer to “*Closed View of Your Phone*” on page 12.)

Making a Call

1. In Standby mode, enter an area code and a phone number, then press .

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

Making Emergency Calls

You can define three types of emergency numbers (911, *911, and #911). For more information, see “*Memory Info*” on page 67.

When you call an emergency number, your phone plays a tone and locks itself in emergency mode, to allow emergency operators to more easily dispatch aid. An emergency prompt displays on the screen for the duration of the call.

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

Important! Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times. DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Emergency Calls In Airplane Mode

If you need to make an emergency (911) call while the phone is in Airplane mode:

- ▶ Dial the emergency number and press . (For more information, see “*Airplane Mode*” on page 65.)

To exit emergency mode:

- ▶ Press and hold  to turn the phone off, then press  to turn the phone back on.

Manual Pause Dialing

Call a number, including waits or pause(s) as input.

1. In Standby mode, enter the number you wish to call.

2. Press **Options** and select the desired pause:
 - **2-Sec Pause:** pauses for two seconds and then resumes dialing.
 - **Wait:** pauses and waits for your input.
3. Press  to call the number.

Tip: Press **Save** to store pauses along with the number to Contacts.

Speed Dialing

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

There are three types of speed dialing:

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

Setting up a Speed Dial Number

1. In Standby mode, press **Menu** → **Contacts** → **Speed Dial**.
2. Select an Unassigned slot and press **SET**.
3. Highlight the Contact entry to assign to this Speed dial number and press **OK**.
4. At the prompt, press **Yes**.

Three-Way Calling

Set up a three-way call by merging two calls together.

1. Enter the number for the first party, then press .
2. Enter the second party's phone number and press .
3. When the second party answers, press  to set up the three-way call.

Voice Dialing

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

For more information, refer to “Voice Service” on page 42.

Answering a Call

When you receive a call, the phone rings and displays the callers name or number (if stored to Contacts).

Tip: When you assign pictures to Contacts entries, the entry's assigned picture displays on the screen.

- ▶ Press  to answer the call.

Call Waiting

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

Note: Contact your Wireless Carrier for feature availability.

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

Adjusting Call Volume

During a call, use the Volume keys on the left side of the phone, to adjust the earpiece volume.

- ▶ Press the **Up** volume key to increase the volume level and the **Down** volume key to decrease the level.

Silencing an Incoming Ringtone

To temporarily silence the incoming call ringtone:

- ▶ While your phone is ringing, press the Volume key up or down.

Ignoring an Incoming Call

To ignore an incoming call and send it to voicemail:

- ▶ Press **Ignore** while the phone is ringing.

Call Settings

You can set your phone to answer calls only when you press  or when you press any key except , , or .

Note: For more information, refer to “Call Answer” on page 64.

In-Call Options

You can access a number of menus and options during a call.

- ▶ During a call, press **Options** to display and select one of the following:
 - **Message:** Displays the Messages menu.
 - **Contacts:** Displays the Contacts menu.
 - **Recent Calls:** Displays your recent calls log.
 - **Send DTMF:** Sends your phone number as DTMF tones to the other person on the call.
 - **Voice Privacy:** Select **Standard** or **Enhanced** voice privacy.
 - **Location:** Allows you to turn on GPS location or set GPS location for emergency calls.

Calls Logs

The Calls log contains records for Outgoing, Incoming, Missed, and All calls. You can access this information for future reference, to return calls, and to add new Contacts. In addition, you can set a Call Timer to record the time and date of each call.

1. In Standby mode, press **Menu** → **Calls**.
2. Press the **Up** or **Down** Navigation key to view the call logs.

Tip: From Standby mode, press  to view a list of your most recent calls.

3. Select a number and press  to call the number.

Saving Numbers from Call Log

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

Tip: In Standby mode, press  to display **All Calls**.

1. In Standby mode, press **Menu** → **Calls**.
2. From the **Calls** menu, select **Outgoing Calls**, **Incoming Calls**, **Missed Calls**, or **All Calls**.
3. Select the number to store and press **Options** → **Save**. The following options are available:
 - **Create New:** Adds the number as a new Contact.
 - **Update Existing:** Adds the number to an existing Contact.

For more information, refer to “*Creating a New Contact*” on page 26.

Call Log Options

From the Call log you can view caller information, send a message to a missed caller, or access further options.

Viewing Caller Information

- ▶ Highlight a name or number and press **OPEN** ( or ).

Sending a Message

- ▶ Highlight a name or number and press **Msg**.

The Send Message prompt displays on the screen.

Note: For more information, see “*Creating and Sending Text Messages*” on page 30 or see “*Creating and Sending Picture Messages*” on page 31.

Redialing the Last Number Called

- ▶ Press  twice to recall and redial the last number listed in the Call log.

Call Timers

The Call Timer screen displays the duration of your last call, total calls, and calls made during the life of your phone.

Note: Call timer is not for billing purposes.

1. In Standby mode, press **Menu** → **Calls**.
2. From the **Calls** menu, select **Call Timer**.
3. Highlight a time to reset and press **Reset**.
4. Press **Reset All** to reset all the timers.

Note: You cannot reset LifeTime call timers.

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

Data Counter

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

1. In Standby mode, press **Menu** → **Calls**.
2. From the **Calls** menu, select **Data Counter**.
3. Highlight a data counter and press **Reset**.
4. Press **Reset All** to reset all timers.

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

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

More Call Log Options

- ▶ Highlight a missed call and press **Options** to display the following:
 - **Save:** Saves the number to the Contacts list.
 - **Erase:** Erases the selected call from your Call list.
 - **Lock / Unlock:** Locks the missed call to protect it from deletion or unlocks it to allow deletion.
 - **Erase all:** Erases all unlocked calls from the Call list.
 - **View Timer:** screen displays and lists the number, types of calls, and their total durations.

Erasing Call Logs

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

Erasing All Calls

1. In Standby mode, press **Menu** → **Calls**.
2. From the **Calls** menu, select **All Calls**.
3. Press **Options** → **Erase All**.
4. At the prompt, press **Yes** to Erase all entries.

Section 4: Menu Navigation

This section explains the menu navigation for your phone.

Menu Navigation

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

1. In Standby mode, press **Menu**. Menus and applications display on the screen.
2. Use the Navigation key to browse through the menus.
3. Press  or  to enter the menu or sub-menu that displays on the screen.
4. Press **Back** (right softkey), , or  to return to the previous menu.

Return to the Previous Menu

- Press **Back** to return to a previous menu.
- Press  or  to return to the previous menu when **Back** does not display.

Menu Shortcuts

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

Example: To view the **Outbox** sub-menu, press **Menu** then press **2** (**Messages**) and  or  (**Outbox**).

Navigate Using Shortcut Icons

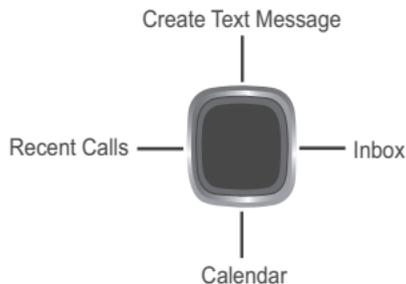
You can also access menus and sub-menus using Shortcut Icons, and without the menu-based drill down.

1. In Standby mode, highlight the desired shortcut icon. The name of the shortcut icon displays below the icon.
2. Press **OK** to launch the related application.



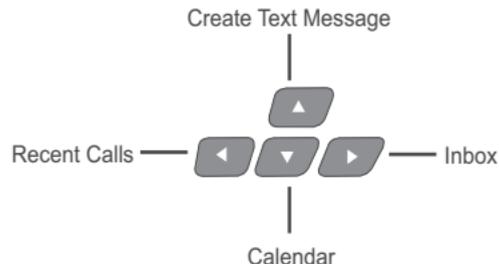
Navigation Key Shortcuts

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



QWERTY Keypad Shortcuts

In Standby mode and with the QWERTY keypad open, you have the option of using the arrow keys on the QWERTY keypad itself to launch applications, as shown here.



Customizing Shortcuts

The navigation shortcuts initially loaded onto your phone are part of the default settings. If desired, you can setup shortcuts to the menu items of your choice.

1. In Standby mode, press **Menu** → **Settings** → **Phone Settings** → **Shortcut Key**.
2. Select a navigation key direction to customize.
3. Highlight a menu item and press **OK** or **OK** to assign the shortcut path.

Section 5: Entering Text

This section outlines how to select the desired text entry mode using the phone keypad or the nested, QWERTY keyboard-style keypad. This section also describes how to use T9 predictive text entry.

Built-in QWERTY Keypad



This phone offers the convenience of a slideout QWERTY keyboard. Using the QWERTY keyboard, you can type letters, numbers, punctuation, and other special characters into text entry fields or other applications simpler and faster than using the telephone keypad.

Note: Two of your phone's functions require use of the QWERTY keypad. You can use either the keypad or QWERTY keyboard for all other text entry functions such as, Messaging and Memo Pad.

Changing the Text Entry Mode

When creating text messages, you can use alphabetical characters, numbers, and symbols. 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. T9 WORD mode letter options are:
 - **T9 word:** Enter all lower case letters
 - **T9 Word:** Enter initial capital letters
 - **T9 WORD:** Enter all upper case letters
- **Abc:** Enter letters, numbers, and symbols by using the QWERTY keypad or by repeatedly pressing each phone key until the desired character displays on the screen. ABC mode letter options are:
 - **abc:** Enter all lower case letters
 - **Abc:** Enter initial capital letters
 - **ABC:** Enter all upper case letters
- **123:** Enter numbers by pressing the corresponding keys on the phone keypad or the QWERTY keyboard.

Tip: You can also use **123** mode to enter symbols by pressing the key until the symbol you want displays.

- **Symbols:** Using the phone keypad, scroll to the desired symbol and press OK to select and enter the symbol into text.

The current text entry mode (**T9 Word**, **Abc**, **ABC**, **123**, or **Symbols**) displays on the lower, left portion of the screen. To change the text entry mode, do the following:

- ▶ While composing a text message, press the Left soft key and select the desired text entry mode.

Using T9® Mode

T9 Word recognizes and substitutes commonly used words for a sequence of number key presses. T9 Word is much faster than the traditional method of text entry (**Abc**) and *requires only one key press per letter*.

1. While composing a text message, press the Left soft key, then select **T9Word**.

T9 Word recognizes that the most commonly used word for the alpha-numeric key sequence you just entered is “Samsung.”

If more than one word shares the same alpha-numeric key sequence, T9 Word provides the most commonly used word and additional words display in a pop-up window.

Note: Press  to enter a space. Press  to enter a period. These key functions apply to both **T9 Word** and **Abc** modes. For other symbols, see “Entering Symbols” on page 25.

Using Abc Mode

1. While composing a text message, do one of the following:

Using the QWERTY keyboard

- ▶ Press  until “**Abc**” displays in the lower left corner of the screen.

Using the Phone keypad

- ▶ Press the Left soft key, then select **Abc**.
2. Enter characters while in Abc mode by using one of following keypads:

Using the QWERTY keyboard

- ▶ Press the key labeled with the letter you want.

Using the Phone keypad

1. Press the key repeatedly until the desired character displays on the screen. Once you pause the character inserts into the message.
2. Press  to enter a space and  to enter a period.

Entering Numbers

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

While composing a text message, do one of the following:

Using the QWERTY keyboard

- ▶ Press  until “**123/Sym**” displays in the lower left corner of the screen.

Using the Phone keypad

1. Press the Left soft key, then select **123**.
2. Press the number keys to enter numbers into your message.

Entering Symbols

This mode allows you to enter symbols, such as punctuation marks.

- ▶ While composing a text message, enter symbols by using one of following keypads:

Using the QWERTY keyboard

1. Press  until **123/Sym** displays in the lower left corner of the screen.
– or –
2. Press the Left soft key, then select **Symbols**.

3. Press the corresponding number key to select a symbol.

Tip: Use the Left and Right soft keys to page through the other symbols.

Using the Phone keypad

1. Press the Left soft key, then select **Symbols**. The first of three symbol screens displays on the screen.
2. Use the Left and Right soft keys to page through the other symbols, if desired.
3. Press the corresponding key to select a symbol.

Section 6: Understanding Your Contacts

This section explains how to use and manage your Contacts list.

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

Using the Contacts List

From the Contacts list you can view, create, find, edit, erase, or call a contact. You can also send a text or picture message, or Namecard using Bluetooth to a contact.

Viewing the Contacts List

From the Contacts list you can view the entire list of contacts, or view individual contact information.

1. In Standby mode, press **Contacts**. The Contacts list displays.
2. Highlight an entry and press **View**. The contact information displays.

Creating a New Contact

1. In Standby mode, press **Menu** → **Contacts** → **Add New Contact**.

2. Highlight the Picture in the **No Picture** field and press **Set**.
3. Select an image from the My Images folder and press OK to save this image for caller ID.

– or –

Press the **Camera** key to take a photo, then select the photo and press **Confirm** ( or ) to save this image for caller ID.

4. Enter a Name in the **Name** field.
5. Select the type of contact information to enter (Mobile phone number, Home number, Work number, Pager number, Email address, Group, Ringtone, or Fax number).
6. Highlight the **Groups** field and press **Set** to save your selection.
7. Select a Group with which to associate this contact and press **OK**.
8. Highlight **Ringtone** and press **Set**.
9. Select a ringtone from the list and press **OK** to save your selection. This ringtone is associated with this specific contact and rings when there is an incoming call from this number.

Adding a Contact to a Group

When you create a new contact you can associate that contact with a predefined caller group.

1. In Standby mode, press **Contacts**.
2. Press **Options** → **New Contact**. For more information on creating a new contact see “*Creating a New Contact*” on page 26.
3. Scroll to the **Group** field and press **Set**.
4. Highlight the group you want to associate with this contact and press **OK**. The contact is associated with this caller group.

Adding a New Caller Group

There are two methods for adding a new caller group:

- Adding a new contact and creating a new group simultaneously.
 - Editing an existing contact and creating a new group.
1. In Standby mode, press **Menu** → **Contacts** → **Group** → **New**.
 2. Create a new contact. For more information, refer to “*Creating a New Contact*” on page 26.

– or –

Edit a contact. For more information, refer to “*Editing the Contacts List*” on page 28

– or –

Add the contact to a group. For more information, refer to “*Adding a Contact to a Group*” on page 27.

3. Press **SAVE**. The new or current contact is associated with this group.

Finding a Contact Entry

You can store phone numbers and their corresponding names in the phone’s built-in memory (Contacts).

1. In Standby mode, press **Contacts**.
2. Enter the first few letters of the contact name in the **Go To** field to quickly locate a name.

– or –

Use the Navigation keys to locate a name in the list.

3. Press **VIEW**, then press **Options** to access the following:
 - **Send Txt Msg**: displays the Create Txt Msg screen so you can compose and send a text message.
 - **Send Pic Msg**: displays the Create Pic Msg screen so you can compose and send a picture message.
 - **Send Video Msg**: displays the Create Video Msg screen so you can compose and send a video message.
 - **Call**: dials the selected contact.
 - **Send Name Card Via Bluetooth**: allows you to send your name card via Message, or Bluetooth.

Editing the Contacts List

1. In Standby mode, press **Contacts**.
2. Enter the first few letters of the contact name in the **Go To** field to quickly locate a name.
– or –
Use the Navigation keys to locate a name in the list.
3. Press **VIEW**, highlight the information to modify, and press **EDIT**.
4. Press **SAVE** to save your changes.

Erasing Multiple Contacts

Using this option you can erase one or more contacts from the Contacts list.

1. In Standby mode, press **Contacts**.
2. Press **Options** → **Erase Multiple**.
3. Highlight and press **MARK** to mark each contact to erase, then press **Done**.
4. Press **Yes** at the prompt to erase the contacts.

Dialing a Number from Contacts

- ▶ In Standby mode, press **Contacts**, highlight the number to call, then press **Options** → **Call**.
– or –
Press .

Sending a Text or Picture Message from the Contacts List

1. In Standby mode, press **Menu** → **Contacts** → **Find**.
2. Highlight the contact to send a Text message and press **Options** → **Send Txt Msg**.
– or –
Highlight the contact to send a Picture message and press **Options** → **Send Pic Msg**.
3. Compose the text or picture message and press **SEND**.
For more information about text or picture messages, see “*Creating and Sending Text Messages*” on page 30 or “*Creating and Sending Picture Messages*” on page 31.

Sending a Video Message from the Contacts List

1. In Standby mode, press **Contacts**.
2. Highlight the contact to send a video message and press **Options** → **Send Video Msg**.

3. Compose the video message and press **SEND**.
For more information about text or picture messages, see
“Creating and Sending Video Messages” on page 33.

Sending a Namecard using Bluetooth

1. In Standby mode, press **Contacts**.
2. Highlight the contact to send a Namecard and press
Options → Send Namecard via Bluetooth.

Section 7: Messages

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

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

Note: Available memory is shared between all messages. The number of messages you can store and send is dependant on message length and remaining memory.

Accessing the Messages Menu

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

– or –

Press **Menu** → **Messages**.

The **Messages** menu displays on the screen.

Creating and Sending Text Messages

Text messages contain up to 160 characters.

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

3. Enter the phone number or e-mail address for the recipient.
– or –
Press **Add** and select a contact from **Contacts**, **Groups**, or the **Recent Calls** list.
4. Press  or **OK** and compose your text message.
5. Press **Options** and select an option from the “*Message Content and Delivery Options*” on page 38.
6. Press **SEND** ( or **OK**) to send this message.

Text Message Settings

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **Text Message**.
2. Select the desired option, then select the desired setting or enter the desired value.

The following options are available:

- **Auto View:** On/Off. With Auto View **On**, the full content of a text message displays on the screen when received.
- **Signature:** Create a signature, which can be included at the bottom of outgoing message text.

- **Auto Scroll:** On/Off. With Auto Scroll **On**, the full content of a text message automatically rolls upward on the display, one screen-full at a time.
- **Message View:** Chat/Normal. With Message View set to **Chat**, multiple text messages exchanged with a single addressee appear as a chat session.

Creating and Sending Picture Messages

1. In Standby mode, press **Menu** → **Messages**.
2. Select **Send Message** → **Picture Message**. The **Create Pic Msg** screen displays.
3. Enter the phone number or e-mail address for the recipient.
– or –
Press **Add** and select a contact from **Contacts**, **Groups**, or the **Recent Calls** list.
4. Press the **Right Navigation** key to select **CC** or **BCC** for this message and enter a contact (optional).
5. Enter a **Subject** and **Text** for this message.
6. Highlight the **PIC** field and press **Pictures**, then select a picture and press **OK**.

– or –

Press **Camera**, take a picture, and press **Save** () → **My Images** (.

Select the picture and press **OK**.

7. Highlight the **Sound:** field and press **Sounds** to add a sound to this message.
8. Press **SEND** to send this message.
– or –
9. Press **Options** and select an option from the “*Message Content and Delivery Options*” on page 38.

Picture Message Settings

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **Picture/Video Message**.
2. Select the desired option, then select the desired setting or enter the desired value.

The following options are available:

- **Auto Receive:** On/Off. With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.
- **Signature:** Create a signature, which can be included at the bottom of outgoing Picture message text.

Sending Picture Messages in Camera Mode

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

1. In Standby mode, press and hold the Camera key ()
The camera view finder screen displays. (For more information, refer to “Screen Layouts” on page 48.)
2. Select **Camera** and press  or **OK** to take a picture.
(For more information, refer to “Taking Snap Shots (Single Pictures)” on page 47.)
3. Press  and enter a phone number or e-mail address for the recipient of this message and press **OK**.

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

4. Enter a **Subject** and **Text** for this message, then press **SEND**.
Your new picture displays in the **PIC:** field.
5. Highlight the **Sound:** field and press **Sounds** to add a sound to this message.

6. Select **Record New**, press **REC** to record the audio file, then press **SAVE** to save the file. The file is added to the list and displays on the screen.
7. Press **OK** and record an audio file to attach to this message.
– or –
Select one of the listed audio files and press **OK**.

Note: Available memory dictates the length of the audio file and picture size to attach.

8. Press **Options** and select an option from the “Message Content and Delivery Options” on page 38.
9. Press  or **OK** to send the message.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message display on the screen.

Note: You must enter the lock code to access the message.

Creating and Sending Video Messages

1. In Standby mode, press **Menu** → **Messages**.
2. Select **Send Message** → **Video Message**. The **Create Video Msg** screen displays.
3. Enter the phone number or e-mail address for the recipient.
– or –
Press **Add** and select a contact from **Contacts**, **Groups**, or the **Recent Calls** list.
4. Press the **Right** Navigation key to select **CC** or **BCC** for this message and enter a contact (optional).
5. Enter a **Subject** and **Text** for this message.
6. Highlight the **Video** field and press **Videos**, then select a video and press **OK**.
– or –
Press **Video**, record a video, and press **Save** () → ().
Select the video and press **OK**.
7. Press **SEND** to send this message.
– or –
8. Press **Options** and select an option from the “*Message Content and Delivery Options*” on page 38.

Video Message Settings

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **Picture/Video Message**.
2. Select the desired option, then select the desired setting or enter the desired value.

The following options are available:

- **Auto Receive:** On/Off. With Auto Receive **On**, Picture messages automatically download and display as they are received. With Auto Receive **Off**, you are prompted to download Picture messages.
- **Signature:** Create a signature, which can be included at the bottom of outgoing Picture message text.

Sending Video Messages in Camcorder Mode

1. In Standby mode, press and hold the Camera key () and press .
2. Select **Camcorder** and press .
The camcorder view finder screen displays. (For more information, refer to “*Screen Layouts*” on page 48.)
3. Press  to record and stop a video.
4. Press **Save** () → () and select the video.
5. Press **Options** → **Send** → **Video Message**.

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

6. Enter the phone number or e-mail address for the recipient.
– or –
Press **Add** and select a contact from **Contacts**, **Groups**, or the **Recent Calls** list.
7. Press the **Right** Navigation key to select **CC** or **BCC** for this message and enter a contact (optional).
8. Enter a **Subject** and **Text** for this message, then press **SEND**.
The first frame displays in the **Video:** field, indicating that the video is attached.

Note: Available memory dictates the length of the audio file and picture size to attach.

9. Press **Options** and select an option from the “*Message Content and Delivery Options*” on page 38.
10. Press  or  to send the message.

Message Boxes

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

Inbox

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

Review Messages in the Inbox

1. In Standby mode, press **Menu** → **Messages** → **Inbox**. A list of received messages displays.
2. Highlight the message to view, then press **OPEN** ( or ).
3. Press **Options** while viewing your message, to access additional options. (For more information, refer to “*Message Folder Options*” on page 35.)

Outbox

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

Tip: Enable the **Delivery Ack** feature to verify if and when a message or e-mail was sent. For more information, refer to “*Message Content and Delivery Options*” on page 38.

1. In Standby mode, press **Menu** → **Messages** → **Outbox**. A list of outgoing messages displays.
2. Press **Options** while viewing your message, to access additional options. (For more information, refer to “*Message Folder Options*” on page 35.)

Draft Box

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

Create a Draft Message

1. In Standby mode, press **Menu** → **Messages** → **Drafts**. A list of drafted messages displays.
2. Compose the message the same as a Text or Picture message. For more information, refer to “*Creating and Sending Text Messages*” on page 30. For more information, refer to “*Creating and Sending Picture Messages*” on page 31.
3. Press **Options** to access additional options. (For more information, refer to “*Message Folder Options*” on page 35.)
4. Press **Options** → **Save As Draft**.

Message Folder Options

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

- **Add Quick Text:** Drafts/Drafts Picture. Insert pre-composed text into your message text.
- **Add Slide:** Picture Messages Only. Add a picture to the message.
- **Add To Contacts:** Inbox/Outbox/Drafts. Save the sender’s number to your Contacts.
- **Cancel Message:** allows you to cancel the message creation.
- **Deferred Delivery:** allows you to choose a future time and date to send the message.
- **Delivery Ack:** Drafts/Drafts Picture. Choose **On** or **Off**. Requests confirmation when your message is received.
- **Enh. Delivery Ack:** (Enhanced Delivery Acknowledgement) allows you to activate an acknowledgement message to confirm when the message is read.
- **Edit Send To:** Drafts. Change, add, or remove recipients from this message.
- **Erase:** Outbox. Delete this message from the Outbox, if the message is Unlocked.
- **Erase Multiple:** Outbox. Delete more than one message from the Outbox, if the message is Unlocked.
- **Extract:** Inbox/Outbox. Calls the sender of the received message.

- **Forward:** Inbox/Outbox. Send a copy of this message to another recipient.
- **Lock / Unlock:** Inbox/Outbox. Block/permit erasure of the highlighted message.
- **Message Info:** Inbox/Outbox. Shows message delivery status, addressee, size, and so on.
- **Play Again:** Outbox. Replay the sound file in a Picture message.
- **Preview:** Draft Picture. Shows the message contents.
- **Priority Level:** Drafts/Drafts Picture. Choose **Urgent** or **Normal**.
- **Remove Pic:** Draft Picture. Remove image included in draft message.
- **Remove Video:** Video message only. Removes the video attachment from the message.
- **Remove Sound:** Draft Picture. Remove sound file included in draft message.
- **Reply With Copy:** Inbox. Compose and send a reply message to the originator of the received message and include a copy of the original message.
- **Resend:** allows you to send a previously sent message.
- **Save As Draft:** Drafts/Drafts Picture. Save the message to your Drafts box.
- **Save Quick Text:** Inbox/Outbox. Save the text in this message as a new Quick Text.
- **Send:** allows you to send the completed message to the entered recipient.

- **Validity Period:** Drafts/Drafts Picture. Allows you to enter a date and time when this message expires.

Message List Options

- **Add To Contacts:** Inbox/Outbox/Drafts. Save the sender's number and/or e-mail to your Contacts.
- **Erase Multiple:** Erases multiple unlocked messages from Drafts, Inbox, and the Outbox.
- **Forward:** Inbox/Outbox. Sends a copy of this message to another recipient.
- **Lock / Unlock:** Inbox/Outbox/Drafts. Blocks or permits erasure of the highlighted message.
- **Message Info:** Inbox/Outbox. Shows message delivery status, addressee, size, and more.
- **Reply:** Inbox. Composes and sends a reply message to the originator of the received message.
- **Reply With Copy:** Inbox. Composes and sends a reply message to the originator of the received message and include a copy of the original message.
- **Resend:** Outbox. Sends another copy of the highlighted message to the original recipient
- **Save Quick Text:** Draft. Saves the message text as Quick Text for insertion into other messages.
- **Send:** Draft. Sends the highlighted message to the number or e-mail address currently included with the message.

Voicemail Overview

Voicemail allows callers to leave retrievable voice messages.

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

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

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

Social Networking

From the Social Networking menu you can sign in to your favorite social networking site. Selections are: Facebook, MySpace, and Twitter.

1. In Standby mode, press **Menu** → **Messages** → **Social Networking**. A list of social networking accounts displays.
2. Highlight the social networking site and press **OK**.
3. Highlight the action to perform and press **OK**. Follow the on-screen prompts.

Message Settings

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

General Message Settings

1. In Standby mode, press **Menu** → **Messages** → **Msg Settings** → **General**. The following options display on the screen.
 - **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, then insert them into a new message.
 - **Voicemail #:** Edit or view your Voicemail number.
 - **Entry Mode:** Choose the default method for entering text into messages (**T9 word**, **T9 Word**, **T9 WORD**, **abc**, **Abc**, **ABC**, **123**).
 - **Callback #:** Choose whether to include a callback phone number with outgoing messages, and enter the number to include.
 - **Signature:** Choose whether to include a text signature in outgoing message text, then enter the signature text.
 - **Reminder:** Select the frequency of the reminder. Selections are: **Once**, **Every 2 Minutes**, **Every 15 Minutes**, or **Off** (none).
2. Select the desired option, then select the desired setting or enter the desired value.

Message Content and Delivery Options

- ▶ Create a Message (text, picture, or video) then press **Options** to select one of the following:
 - **Edit Send To:** allows you to edit the recipient's number or email address.
 - **Add Quick Text:** inserts pre-composed text in your message.
 - **Save As Draft:** saves the message to the Draft folder.
 - **Priority Level:** Choose **Urgent** or **Normal**.
 - **Validity Period:** allows you to enter a date and time when this message expires.
 - **Deferred Delivery:** allows you to choose a future time and date to send the message.
 - **Enh. Delivery Ack:** (Enhanced Delivery Acknowledgement) allows you to activate an acknowledgement message to confirm when the message is read.
 - **Add To Contacts:** adds this recipient's number or e-mail address to the Contacts list.
 - **Cancel Message:** allows you to cancel the message creation.
 - **Preview:** Picture message only. displays the picture message prior to sending.
 - **Remove Pic:** Picture message only. Removes the picture attachment from the message.
 - **Remove Sound:** Picture message only. Removes the sound attachment from the message.

- **Remove Video:** Video message only. Removes the video attachment from the message.
- **Add Slide:** Picture message only. Adds a picture as a slide when this is a multiple-picture message.

Receiving Messages

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

- **In Standby mode:** The ringer sounds (unless turned off) and **New Message** displays on the screen along with the closed envelope icon ()
- **During a call:** **New Message** displays on the screen along with the closed envelope icon ()

The date and time of the message also displays on the screen along with the following options:

- **View Now:** Downloads picture messages and opens the message. The following options are available:
 - **Text Message:** Forward, Reply With Copy, Forward, Lock, Add To Contacts, Erase Multiple, or Message Info.
 - **Picture Message:** Reply, Forward, Save Pic, Lock, Add To Contacts, Message Info, or Extract.
 - **Video Message:** Reply, Forward, Delete, Save Video, Lock, Add To Contacts, Message Info, or Extract.

- **View Later:** Saves the message to the Inbox for later viewing, then returns to the previous mode. (For more information, refer to “*Message Boxes*” on page 34.)

Creating Quick Text

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

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

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

Section 8: Browser

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

Browser

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

Stored Web Content

The Internet connection ends after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically reconnect to the Internet.

Launching the Browser

Note: The **Browser** is usable in either portrait or landscape format (that is, with the QWERTY keypad open or closed).

1. In Standby mode, open the QWERTY keyboard and do one of the following to launch the Browser:
 - Press **Menu**, then select **Browser** → **Get In Web**.
2. A list of categories (each representing one or more web sites) displays on the screen.

Tip: Use the arrow keys to browse the categories.

3. Highlight one of the categories and press  to display the category list.

Exit the Browser

- ▶ Press  or close the QWERTY keypad to exit the Browser.

Using the Browser

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

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

Using the soft keys you can select options.

Browser soft keys

At the bottom of the Browser display is a browser command bar.

Text that displays in the left or right, bottom corner of the screen is called a soft key and when pressed, executes the action of the displayed word. Soft key functions change, depending on the application.

Using Links

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

How Browser Buttons Work

The following table lists Browser keys and their functions.



Arrow keys: Use to browse lists and options.



Back: Press once to back up one page. Press and hold to go back to home page.

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



SHIFT: Press before entering text to enable uppercase characters.



Spacebar: Press to insert a space when entering text.



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



End: Press to exit the Browser and return the phone to Standby mode.



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



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

Section 9: Voice SVC

This section explains how you can use and customize your phone's Voice SVC voice recognition feature.

Voice Service

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

1. In Standby mode, press **Menu** → **Voice SVC**. The following options display:
 - **Voice Commands**: Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see *"Voice Dialing"* on page 17 for more information.
 - **Voice Settings**: Lets you tailor Vsuite to better respond to your voice and your phone use preferences. See *"Digit Dialing"* on page 44 for more information.
2. Select the desired sub-menu.

Voice Commands

- In Standby mode, press and hold  or .
"Say a Command" displays on the screen and lists the following commands:

Tip: You can also set your phone to start VoiceSignal when you connect an optional headset to the phone. (For more information, see *"Voice Launch"* on page 45)

- **Call <Name or #>**: Call a Contact by saying the name saved in your Contacts list. Call any telephone number, even if not saved in your Contacts list, by saying the digits in the number. (See *"Voice Dialing"* on page 17 for more information.)
- **Send Text <Name or #>**: Accesses the Create Text Message menu.
- **Send Picture <Name or #>**: Accesses the Create Picture Message menu.
- **Lookup <Name>**: Allows you to find a Contact by name and displays the Contact's information.
- **Go to <Menu>**: Accesses the following features and functions: **Calls, Messages, Contacts, Brew, Browser, Voice SVC, Tools, Multimedia, and Settings**.
- **Check <Item>**: Lets you say a single command (such as **"Status"**) to verify your phone's: **Status, Signal Strength, Coverage, Battery, or My phone #**.

Note: Speaking clearly, say the command that you want to use. If VoiceSignal does not recognize a command, it prompts you to repeat the command. If VoiceSignal still does not recognize the command, it tells you “**Sorry, no match found**” and cancels voice recognition.

Voice Command Tips

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

Voice Dialing Tips

- Wait for the beep before speaking.
- Speak clearly at a normal volume.

Dialing a Contact Name

1. In Standby mode, press and hold  or  until “**Say a command**” displays on the screen then say “**Call**” followed by the Contact’s first and last name. Voice Dial repeats the name and dials the number.

Note: If Voice Dial is unsure of the name spoken a list of up to three names displays and you are prompted with “**Did you say?**” Say **Yes** to confirm the name displayed, **No** to hear the next name, or use the keypad to select the correct name from the list.

If the recognized name has multiple numbers stored, Voice Dial displays the possible choices and prompts with “**Which number?**”

2. Say “**Home**”, “**Work**”, or “**Mobile**”, and Voice Dial dials the specified number.
3. Press  to exit VoiceSignal without dialing.

Dialing a Number

1. In Standby mode, press and hold  or  until “**Say a command**” displays on the screen.
2. Say “**Call**” followed by the phone number. Voice Dial repeats the number and dials it.

Note: If Voice Dial is unsure of the name spoken a list of up to three names displays and you are prompted with “**Did you say?**” Say **Yes** to confirm the name displayed, **No** to hear the next name, or use the keypad to select the correct name from the list.

3. Press  to exit VoiceSignal.

Voice Settings

- ▶ In Standby mode, press **Menu** → **Voice SVC** → **Voice Settings**.

Choice Lists

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

To change the way Vsuite uses choice lists:

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

Sensitivity

1. In Standby mode, press **Menu → Voice SVC → Voice Settings**.
2. Select **Sensitivity**.
3. Use the navigation keys to adjust the selected Sensitivity setting. Select a range between **Reject More** spoken commands or names and **Reject Less** spoken commands or names.

Digit Dialing

If you regularly have trouble with Vsuite not recognizing the numbers you speak, adapting can improve the accuracy of digit recognition.

Note: After you adapt Digit Dial, your phone is customized and responds only to your voice. Reset the phone to factory defaults to allow others to use this feature.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Wait for the beep before speaking.
- 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 interrupts the recording, re-record the sequence.

Adapt Digits

To adapt digit dialing, do the following:

1. In Standby mode, press **Menu → Voice SVC → Voice Settings**.
2. Select **Digit Dialing → Adapt Digits**.
3. Read the descriptive text and press **OK** to begin.
4. At the beep say the digits using your normal voice. After a moment, the phone plays back the recording and prompts **“Did the recording sound ok?”**
5. Say **Yes** to approve the recording, or **No** to re-record. If you say **“No,”** the phone prompts you to pronounce the digits again. Repeat this step until you’re satisfied with the recording.

6. Continue the recording process.

After 10 sets of digits, the phone asks whether you want to do more adaptation.

7. If you answer **Yes** in step 5, repeat steps 4 and 5 for another 10 sets of digits.

After the second group of 10 sets of digits, **Adaptation complete** plays through the speaker and the **Digit Dialing** menu displays.

Reset Digits

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

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

Sound

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

1. In Standby mode, press **Menu** → **Voice SVC** → **Voice Settings**.

2. Select **Sound**.

3. Select one of the following options and press  or  to accept the new setting:

- **Prompts:** Enables or disables audio prompts.
- **Digits:** Enables or disables digit playback.
- **Names:** Enables or disables name playback.
- **Name Settings:** Allows you to adjust the **Speed** (**Faster**, **Slower** or **Recommended**) and **Volume** (**Louder**, **Softer**, or **Recommended**) for the phone's audio name playback.

4. Press  or  to discard the new setting and return to the **Sound** menu.

Voice Launch

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

1. In Standby mode, press **Menu** → **Voice SVC** → **Voice Settings**.
2. Select **Voice Launch**.
3. Select one of the following options:
 - **Key Only:** Press and hold  or  to activate Vsuite for one call.

- **Key/EarMic:** Attach a headset to your phone. Press and hold  or , or press and hold the button on the headset to activate VoiceSignal.

4. Press **OK** to accept the new setting.

About

1. In Standby mode, press **Menu → Voice SVC → Voice Settings**.
2. Select **About**.

The **About Nuance** screen displays on the screen showing the version level of the currently installed Vsuite software.

Section 10: Using the Camera

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

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

Taking Pictures

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

Taking Snap Shots (Single Pictures)

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

1. In Standby mode, press and hold the Camera key ().
The camera view finder screen displays. (For more information, refer to "Screen Layouts" on page 48.)

Tip: You can also press **Menu** → **Multimedia** → **Camera**. to activate the camera.

2. Point the camera at your subject and center it in the viewfinder.
3. Press the Camera key () or OK Key to take a picture. The photo displays on the screen. Do one of the following:
 - Press the Right soft key to erase the photo.
 - Press  key to send the photo as part of a Picture message.
 - Press the Left soft key to save the picture to memory.

Tip: You can change some of the camera's settings to suit particular uses for your pictures. (For more information, refer to "Camera Screen Icons" on page 49.)

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 rapid succession.

1. In Standby mode, press and hold the Camera key ().
The camera view finder screen displays. (For more information, refer to "Screen Layouts" on page 48.)

Tip: You can also press **Menu** → **Multimedia** → **Camera**. to activate the camera.

- Press the Right soft key and select from the following:
 - Single Shot:** Take one photo with each press of the Camera button.
 - Series Shot:** Lets you take a series of 6 photos.
 - When you select Series Shot, the Series progress bar displays.
 - Mosaic Shot:** Lets you take a mosaic of 1 to 18 photos.
 - When you select Mosaic, the size is automatically set to 320x240.
- Center the subject in the viewfinder, then press the Camera key () to take the picture. The camera takes one picture (**Single Shot**) or multiple pictures in quick succession (**Series Shot**, or **Mosaic Shot**).
- Press the Left soft key to save the picture(s) to memory.

Point, Click, and Send Pictures

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

- In Standby mode, press and hold the Camera key (). The camera view finder screen displays.
- Center the subject in the viewfinder, then press the Camera key () to take the picture.
The photo review screen displays.
- Press . The Create Pic Msg screen displays.
- Enter the recipient's phone number or e-mail address using the keypad.

- Press **OK** to save the address(es).
- Select other message fields as needed.
- Press **SEND** to send the Picture message.

For more information, refer to *"Picture Message Settings"* on page 31

Screen Layouts

Camera Screen

When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed.

Camera Screen Soft Keys



Discards the new photo.



Saves the new photo and includes it in a Picture message.



Saves the new photo.



Allows you to manage previously captured pictures. See *"Gallery Options"* on page 53.



Allows you to manage both camera and camcorder settings. See *"Camera Screen Icons"* on page 49.

Camera Screen Icons

The following icons display on the Camera screen when the **Icon Display** Camera setting is set to **Display All**.



Indicates whether the camera mode is set to **Camera** or **Camcorder**.



Shooting Mode: Indicates/changes Camera shooting mode to take Single pictures, multiple pictures in Series, or in Mosaic mode.



Size: Indicates/changes the Camera resolution setting (in pixels) **1600x1200**, **1280x960**, **640x480**, or **320x240**.



Quality: Indicates/changes camera's picture quality setting. Selections are: **SuperFine**, **Fine**, and **Normal**.



White Balance: Indicates/changes the current photo White Balance setting. Selections are: **Auto**, **Sunny**, **Cloudy**, **Tungsten**, or **Fluorescent**.



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



Self Timer in use: Delays the camera shutter for 2/5/10 seconds.



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



Settings: Displays/changes Camera Settings allows you to select the photo **Memory**, **Auto Save (On/Off)**, **Metering (Average / Center / Spot)**, **Icon Display (Display All / Guideline / No Icons)**, **Shutter Sound (Off / Shutter / OK / DingDong)**, and **Reset Settings (Yes / No)**.

The Photo Gallery

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

1. From the Camera viewfinder screen, press the Left soft key. Any saved pictures display on the screen.
2. Press **Camera** to launch the Camera and take another picture.
3. Press **VIEW** to view a picture.

4. Press **Options** and select one of the following:
- **Send:** Send the currently highlighted or displayed image as part of a Picture message.
 - **Set As:** Assign the currently highlighted or displayed image as the Main Wallpaper or as the Picture ID for a Contact.
 - **Erase Files:** Delete one or more marked images from the My Images folder.
 - **Move:** Relocate the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
 - **Copy:** Copy the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
 - **View by Location:** Allows you to sort and view images by location.
 - **Rename:** Change the name of the picture file.
 - **Lock/Unlock:** Prevent/allow erasure of the currently highlighted or displayed image.
 - **Slide Show:** displays multiple pictures as a slide show.
 - **Picture Info:** View the Name, Date, Time created, Resolution, and Size of the currently highlighted or displayed image.

Section 11: Multimedia

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

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

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

Accessing Multimedia

- ▶ In Standby mode, press **Menu**, then select **Multimedia**.

Camera

Lets you launch and set up your phone's camera. (For more information, refer to "Using the Camera" on page 47.)

Camcorder

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

- Capture videos with your phone's built-in digital camcorder.
- Send and receive videos taken with your phone's camcorder.

- Set the several options associated with the camcorder that help you capture crisp, clear videos.

Capturing Videos

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

1. In Standby mode, press and hold the Camera key (). The camera view finder screen displays.
2. Press the right soft key.
3. Select **Camcorder** and press .

The camcorder view finder screen displays. (For more information, refer to "Screen Layouts" on page 48.)

Note: If you press the Camera Key () before starting the video capture, the setting reverts to Camera mode and instead takes a picture.

4. Press  to begin recording the video.
5. Press the right soft key to pause the capturing process or press  to stop the video.
 - Press the Right soft key to erase the video.

- Press  key to send the video as part of a Video message.
- Press the Left soft key to save the video to memory.

Sending Videos

Capture a video and send it to anyone with a compatible device in a few easy steps.

6. Capture the video using the procedural steps in “*Capturing Videos*” on page 51.
7. Press  and select a video.
8. Press **Options** → **Send** → **Video Message**.

For more information, refer to “*Sending Video Messages in Camcorder Mode*” on page 33.

Camcorder Screen

When you activate your phone’s camcorder, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed.

Camcorder Screen Soft Keys



Discards the new video.



Saves the new video and includes it in a Video message.



Saves the new video.



Allows you to manage previously captured videos. See “*Gallery Options*” on page 53.



Allows you to manage both camera and camcorder settings. See “*Camcorder Screen Icons*” on page 52.

Camcorder Screen Icons

The following icons display on the Camera screen when the **Icon Display** Camcorder setting is set to **Display All**.



Indicates that the mode is set to **Camcorder**.



Size: Indicates/changes the Camcorder resolution setting to **Limit for MMS** or **Normal**.

- Selecting Normal activates the Quality options.



Quality: Indicates that the Camcorder shooting resolution is set to a normal resolution. It activates the icon features in order to view increased resolution options. Selections are: **SuperFine**, **Fine**, and **Normal**.



Sound On: Indicates that the sound feature is ON.



Sound Off: Indicates that the sound feature is Off.



White Balance: Indicates/changes the current photo White Balance setting. Selections are: **Auto**, **Sunny**, **Cloudy**, **Tungsten**, or **Fluorescent**.



Self Timer in use: Delays the video capture for 2/5/10 seconds.



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



Settings: Displays/changes Video Settings allows you to select the photo **Memory**, **Auto Save (On/Off)**, **Icon Display (Display All / No Icons)**, **Start Sound (Off / Look here / 1,2,3!)**, **End Sound (Off / OK / Melody)**, and **Reset Settings (Yes / No)**.

Using Your Galleries

Using My Images

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

► In Standby mode, press **Menu** → **Multimedia** → **My Images**. A multiple-page matrix of thumbnail views of saved photos and images appears in the display.

- To take new photos, press **Camera**.
- To expand an image to fill the screen, highlight it and press **VIEW** ( or ).

Gallery Options

From the My Images folder, access other options by pressing **Options**. The following options appear:

- **Send:** Send the currently highlighted or displayed image as part of a **Picture Message**, **Via Bluetooth**, **To Facebook** or **To MySpace**.
- **Set As:** Assign the currently highlighted or displayed image as the Main Wallpaper or as the Picture ID for a Contact.
- **Erase Files:** Delete one or more marked images from the My Images folder.
- **Move:** Relocate the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
- **Copy:** Copy the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
- **View by Location:** Allows you to sort and view images by location.
- **Rename:** Change the name of the picture file.

- **Lock/Unlock:** Prevent/allow erasure of the currently highlighted or displayed image.
- **Slide Show:** displays multiple pictures as a slide show.
- **Picture Info:** View the Name, Date, Time created, Resolution, and Size of the currently highlighted or displayed image.

Music Player

Lets you launch and set up your phone's music player and manage music files stored on an optional microSD memory card.

Using the Music Player

Music Player lets you play MP3 and unprotected AAC, AAC+, WMA music files, loaded onto an optional microSD™ Memory Card using a personal computer. (For information on loading music files on a Memory Card, see “Loading Music Files” on page 56.)

Launching the Music Library Menu

1. In Standby mode, press **Menu** → **Multimedia** → **Music Player**, then press **Library**.
2. The **Library** menu appears in the display showing the following options:
 - **Now Playing:** Music Player mode only. Indicates number of music files currently playing.
 - **All:** Lists all music files on the Memory Card. Lets you play individual music files or play multiple music files by creating a

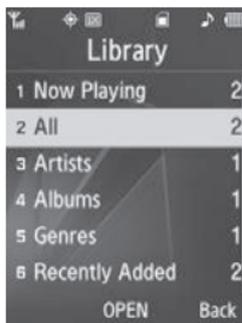
temporary music playlist.

- **Artists:** Lists artist names for music files on the Memory Card and lets you play one or more music files by a selected artist.
 - **Albums:** Lists album titles for music files on the Memory Card and lets you play one or more music files from a selected album.
 - **Genres:** Lists music categories for music files on the Memory Card and lets you play one or more music files of a particular music category.
 - **Recently added:** Displays music files that were recently added.
 - **Playlists:** Lists any playlists you have saved and lets you create, save, and manage playlists.
3. Use the Navigation key or Arrow keys to highlight a music file, then:
 4. Press **Play** to play the file
 5. Press **MARK** to mark the file to play later.
 6. Press **Options** and select one of the following:
 - **Mark All:** Marks all listed music files for playing, removal, or assignment of player settings.
 - **Erase:** Deletes highlighted or marked music file(s) from the Memory Card.
 - **Add to Playlist:** Lets you add a marked music file to an existing playlist.
 - **Song Info:** Lists the title, artist, album, genres, File Name, Encoding Format, Bit rate, File Size, and Date of the highlighted music file.

Playing Music

1. In Standby mode, press **Menu** → **Multimedia** → **Music Player** → **Library** → **Now playing** / **All** / **Artists** / **Albums** / **Genres** / **Recently added** / **Playlists**.
2. Highlight a song, press **MARK** (), then press **Play**.

The Music Player screen displays on the screen and the selected music file/playlist begins playing.



Music Player Controls

Volume key:

1. Press the Volume key Up to increase the volume.
2. Press the Volume key Down to decrease the volume.

Navigation key:

1. Press  to pause/resume playing a music file.
2. Press the Down navigation key to stop playing a music file.
3. Press the Left navigation key to play a previous music file.
4. Press the Right navigation key to play the next music file.
5. Press the Up navigation key to select another music file.

6. Press the **Library** key to display the Library screen.
7. Press **Options** and select one of the following options:
 - **Go to Home Screen:** Plays music in the background while performing other tasks.
 - **Play Mode:** Lets you change the play mode to Normal, Shuffle, Repeat One, or Repeat All.
 - **Add to Playlist:** Displays the Playlists menu to let you add the selected music file to a playlist.
 - **Remove From List:** Deletes the selected music file from the Memory Card
 - **Visual Supplements:** Lets you change the Music Player visualization to Simple View, Equalizer, Album Art, or Lyrics.
 - **Memory Info:** Displays the Memory Usage screen which lists Memory Card usage and availability amounts.
 - **Song Info:** Lists the title, artist, album, genre, copyright information, time length, file size, and bit rate of the highlighted music file.

Loading Music Files

To transfer music to a microSD™ Memory Card, do the following:

1. Insert a memory card into the phone. (For more information, see *“Install a Memory Card”* on page 11.)
2. Turn on the phone and when the memory card icon displays, remove the memory card from the phone. This places the folders on the memory card that are required for the different media players to locate the music files.
3. Transfer music files from the computer into the My_Music folder.
4. Insert the Memory Card into your phone. (For more information, see *“Install a Memory Card”* on page 11.)

Section 12: Tools

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

Accessing Your Phone's Tools

To launch the **Tools** menu:

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

Bluetooth

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

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

Turn Bluetooth On/Off

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

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

To turn Bluetooth support on:

- ▶ In Standby mode, press **Menu** → **Tools** → **Bluetooth** → **Registered List** and press **Yes**.

To turn Bluetooth support off:

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

“**Bluetooth set to off**” displays on the screen.

Registered List

This list shows any Bluetooth wireless technology devices paired with your handset.

Important! You must activate Bluetooth to use this feature. For more information, refer to “*Turn Bluetooth On/Off*” on page 57.

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

A list of registered Bluetooth devices or the **Add New Device** screen displays.

Add (Pair With) a New Device

1. In Standby mode, press **Menu →Tools →Bluetooth →Registered List.**



Note: Bluetooth must be turned on before you use this menu.

2. From the Registered List press **OK.**
3. Make sure the device you are pairing with is already set to Discoverable.
4. Locate the device in the Add New Device list, then press **PAIR.**

Note: You may be prompted to enter a passkey or PIN for this device. (See the device user manual for the passkey or PIN.)

5. Enter the device passkey or PIN and press **OK** or **OK**. When pairing completes, you are prompted to connect with the device.
6. Press **Yes.** to pair.

Connecting to a Registered (Already Paired) Device

1. In Standby mode, press **Menu →Tools →Bluetooth →Registered List.**
2. From the Registered List, highlight the device and press **OK** or **OK**.

Unpairing from a Bluetooth Device

1. In Standby mode, press **Menu →Tools →Bluetooth →Registered List.**
2. From the Registered List, highlight the device and press **Options → Remove Device.**

Bluetooth Settings

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

To access Bluetooth settings:

1. In Standby mode, press **Menu →Tools →Bluetooth →Bluetooth Settings.**

The following options display:

- **Enable / Disable:** Turns Bluetooth on or off. (For more information, see “Turn Bluetooth On/Off” on page 57.)
- **Discovery Mode:** Select **On** for other devices to see your device, or **Off** for no visibility.
- **Device Name:** Shows the handset name. You can change this name. Enter the text and press **OK** or **OK**.
- **Supported Profiles:** Lists and describes the Bluetooth profiles your phone supports.
- **Device Info:** Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

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

View an Event

1. In Standby mode, press **Menu** → **Tools** → **Calendar**. A calendar displays with the current date highlighted.
2. Press **VIEW** to view the current events for the selected date.

Adding a New Event

1. In Standby mode, press **Menu** → **Tools** → **Calendar**.

2. Press **Add**.
3. Enter an **Appointment Name**, **Start Date**, **Start Time**, **End Date**, **End Time**, **Recurrence**, and **Alert** for this event.
4. Highlight **Reminder** and select **On** if you want an alarm to notify you prior to this event occurrence.
5. Select **Alert time** and use the Navigation key to select the amount of time to alert (choices are: **5 Min. Before**, **10 Min. Before**, **15 Min. Before**, **30 Min. Before**, **1 Hour Before**, **3 Hours Before**, **5 Hours Before**, **1 Day Before**, or **On Time**).
6. Press **SAVE**.

Memo Pad

Create notes and store them in Memo Pad.

- ▶ In Standby mode, press **Menu** → **Tools** → **Memo Pad**. If you have any stored memos, they display in a list.

Creating a Memo

1. In Standby mode, press **Menu** → **Tools** → **Memo Pad**.
2. Press **Add**.
3. Compose a memory and press **OK**.

Review, Edit, and Erase Memos

1. In Standby mode, press **Menu** → **Tools** → **Memo Pad**.
2. From the Memo Pad list, highlight the memo to review, edit, or erase.

3. Press **VIEW** to view the memo.
4. Press **Options**, select one of the following actions, then press **OK**.
 - **Edit**: Allows you to edit the current memo.
 - **Erase**: Erases the selected memo.
 - **Erase all**: Erases all the memos.
 - **Lock/Unlock**: Locks the selected memo to protect it from deletion, or Unlocks it to allow deletion.

Alarm Clock

You can set up to three alarms.

Note: You must turn the phone on to use the Alarm Clock feature.

Creating a New Alarm

1. In Standby mode, press **Menu** → **Tools** → **Alarm Clock**.
2. Press **Add**.
3. Highlight the **Alarm** field and press the **Left** or **Right** Navigation key to turn the alarm **On**.
4. Highlight the **Time** field and enter the alarm time.
5. Highlight the next field and press the **Left** or **Right** Navigation key to toggle to **AM** or **PM**.

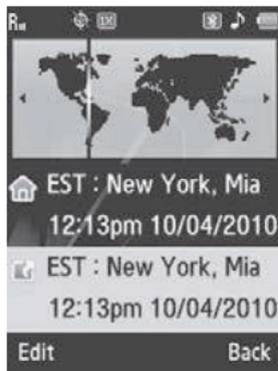
6. Highlight the **Frequency** field and select an alarm frequency. Selections are: **Daily**, **Mon. - Fri.**, **Weekends**, or **Once**.
7. Highlight the **Ringer** field and use the **Left** or **Right** Navigation key to select a Ringer type. Selections are: **Tone**, **Vibrate**, or **Light Only**.
8. Press **SAVE** to save your selections.
9. Highlight **Snooze** or **Dismiss** to silence the alarm and press **OK**.

World Time

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

Note: To use World Time, digital service is required. Contact your service provider.

1. In Standby mode, press **Menu** → **Tools** → **World Time**. A World map displays.



2. Press **Edit** and use the Navigation key to scroll left or right until the desired time zone displays then press **OK**.
3. Press **DST Off** or **DST On** and press **OK** to activate or deactivate Daylight Saving Time.
4. Press **Home** and select **Yes** at the prompt if you want this time to represent local time.
5. Highlight a timezone and press **Edit** if you created a World Time you want to modify.
6. Modify the information and press **OK** to confirm your changes.

Calculator

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

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

1. In Standby mode, press **Menu** → **Tools** → **Calculator**.
2. Enter the first number using the numeric keys.
3. Use the Navigation keys to select the calculation method, according to the illustration on the display.
4. Enter the second number using the numeric keys.

Tip: Press the Asterisk key to insert a decimal point.

5. Press **OK** to view the result.

Stop Watch

You can use this function to set a stop watch.

1. In Standby mode, press **Menu** → **Tools** → **Stopwatch**.
2. Press **OK** once to start the stopwatch, and twice to stop it.
3. Press **Record** to record the time.
4. Press **Reset** to erase all the lap times.

Converter

You can use the converter to convert Currency, Length, Weight, Volume, Area, or Temperature.

1. In Standby mode, press **Menu** → **Tools** → **Converter**.
2. Select a conversion type and press .
3. Use the Navigation keys to select the **From** and **To** units of measure for the quantity you want converted.

Tip: Press the Asterisk key to insert a decimal point.

Tip Calculator

This feature provides the percentage amount for tip.

1. In Standby mode, press **Menu** → **Tools** → **Tip Calculator**.
2. In the **Bill** field, enter the check amount.
3. Highlight the Tip(%) percentage field. 20 is the default value but you can change this value.
4. Select the # Paying field to change the number of people contributing to the tip amount.
5. The Tip, Total, and Each fields display the correct information.

Section 13: Settings

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

Accessing Phone Settings

To launch the Settings menu:

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

The **Settings** menu displays.

Location Setting

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

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

Display Settings

In this menu, you can change various settings for the display that affect the appearance, brightness and contrast, and content.

Wallpaper

This menu allows you to change the background image to display in Standby mode. Choose from downloaded images in the My Images folder, or from the Preset Images folder.

Banner

Create your own 30-character **Personal** greeting that displays on the phone while your phone is in Standby mode.

Tip: Press and hold **C** to erase an existing banner, if necessary. (For more information, refer to “Entering Text” on page 23.)

Backlight

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

Note: Prolonged backlight use drains your battery faster.

Sound Settings

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

Master Volume

Use the **Master Volume** sub-menu to set the default volume for Voice Call ringers, Message alerts, and Alarms to the desired volume level (**Silence All**, **Vibrate**, **Low**, **Vib. on/off**, **Low/Medium**, **Medium**, **Medium/High**, or **High**).

Ringer Type

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

Alerts

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

Key Tone

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

Call Settings

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

Call Answer

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

Call Alert

Call Alert lets you set your phone plays to notify you of incoming calls by playing the voice calls ringer only, by reading any Caller ID information and playing the ringer, or by reading the Caller ID or Contact name only.

Auto Answer

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

Auto Retry

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

TTY Mode

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

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

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

Phone Settings

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

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This blocks you from making or receiving calls other than Emergency (911) calls, but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

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

Shortcut Key

The Shortcut Key option lets you change the shortcuts assigned to the up, down, right, and left navigation key directions. You can assign a different path to any function that's typically used the most often. These options include: **Brew, Browser, New Text Msg, New Pic Msg, Inbox, Contacts, Recent Calls, Voice Command, My Images, My Ringtones, My Videos, Calendar, Memo Pad, Alarm Clock, World Time, Calculator, Stop Watch, Voice Recording, Camera, Converter, and Tip Calculator.**

Language

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

Security

Use the **Security** sub-menu to lock your phone, set up emergency numbers, change the lock code, set restrictions, reset the phone and erase all contacts.

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

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

NAM Selection

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

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

System Select

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

Set Time

Use the **Set Time** options to set the current time and date displayed on your phone and used by your phone's Tools. (For more information, refer to "Tools" on page 57.)

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

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

- Enter the current Time using your keypad:
 - The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
 - Use the Left and Right navigation keys to select **am** or **pm**.
- Enter the current Date using your keypad:
 - The month and day must be entered using two digits each.
 - The year must be entered with all four digits.

Speed Dial

You must activate this feature in order to use it to make quick calls using the Speed dial feature.

Quick Search

With **Quick Search** set to **On**, your phone automatically displays each contact associated with the entered numbers. As you enter more numbers, the search choices narrow.

PC Connection

The **PC Connection** option lets you enable (**USB Mass Storage** or **Bluetooth** setting) or disable (**No Connection** setting) the phone's ability to act as a USB flash drive, provided you have installed an optional microSD Memory Card and an optional USB Data Cable.

Note: For more information, refer to “Install a Memory Card” on page 11.

With **PC Connection** set to **USB Mass Storage** or **Bluetooth**, you can transfer music, sound, ringtone, and image files to and from a microSD Memory Card.

Auto Key Lock

With **Auto Key Lock** set to **On**, your phone automatically disables its keys when the screen backlight goes out with the phone closed.

To unlock the keys:

- ▶ Press a key to turn the screen backlight on, then press **Unlock**, followed by the  key.

Lock Phone

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

Locking the phone blocks all outgoing calls except those to 911 and to any other user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency numbers).

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

Memory Info

The **Memory Info** options let you:

- Select the default storage location (**Phone Memory** or **Card Memory**) for images taken and videos recorded with your phone's camera.
- Review the amount of available and used Phone Memory and/or Card Memory, if installed, and manage the contents.
- Format an optional microSD Memory Card.

Note: This option prepares new, unformatted microSD™ Memory Cards for use with your phone. Repeated formatting of a Memory Card can shorten its service life. Erase files rather than format the Memory Card.

Phone Info

Phone Info lets you review the phone number assigned to your phone, reference the meanings of icons that appear on your phone's Standby mode screen, identify the hardware and software versions of your phone and the assigned MEID numbers.

Section 14: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

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

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 1.00 W/Kg.
- Body-worn: 0.77 W/Kg.

SAR information on this and other model phones can be viewed online at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. WARNING REGARDING DISPLAY

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

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

If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. For more information, refer to “*Warranty Information*” on page 90.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://mobile.samsungusa.com/recycling/index.jsp> or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

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

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

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

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe.

Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

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

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

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

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996.

An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF).

Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/>
- World Health Organization (WHO):
<http://www.who.int/peh-emf/>
- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- Health Protection Agency:
<http://www.hpa.org.uk/radiation>
- US Food and Drug Administration:
<http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold. Always comply with road safety regulations on using a mobile phone while driving. Using a mobile phone while driving can be dangerous.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving. Suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important! If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

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

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

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

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

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

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

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

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

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

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

1-888-232-6348 TTY

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;

- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

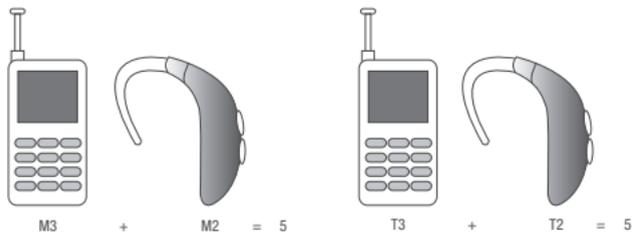
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate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

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions areas or circumstances. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel.

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. In Standby mode, enter the Emergency Number (911, *911, or #911) and press .

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

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

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

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

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Allowing unqualified personnel to service your phone may result in damage to your phone and service may void the warranty.

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

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to “*Turn Bluetooth On/Off*” on page 57.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.

- Speak directly into the phone's receiver.
- If your phone has a SIM or memory card: (i) handle the SIM or memory card with care, (ii) do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card of phone, (iii) protect cards from strong shocks, static electricity, and electrical noise from other devices, and (iv) do not touch gold-colored contacts or terminals with your fingers or metal objects (if dirty, wipe the card with a soft cloth).
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas.

Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
 - Never use any charger or battery that is damaged in any way.
 - Do not modify or remanufacture the battery as this could result in serious safety hazards. Use batteries only for their intended use.
 - If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
 - Follow battery usage, storage and charging guidelines found in the user's guide.
 - Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
 - If left unused, a fully charged battery will discharge itself over time and must be recharged before use.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
 - Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
 - Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage serious injuries, damage to your phone, or other serious hazard.
 - Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, (below 0 °C (32 °F) or over 45 °C (113 °F) such as in a car in summer or winter conditions, as you will reduce the charging capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the battery in, on or near areas that may get very hot, such as on or near a microwave oven, cooking surface, cooking appliance, iron, or radiator. Batteries may explode when overheated.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas (over 45 °C (113 °F)). High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the phone in cold areas (below 0 °C (32 °F)). When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
 - Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
 - Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
 - Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
 - Do not put the phone in or near areas that may get very hot devices, such as a microwave oven, cooking surface, iron or a radiator. Do not dispose of the phone in a fire. The phone may explode when overheated.
 - Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
 - If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
 - If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.
- Dispose of phones in accordance with local regulations. In some areas, the disposal of phones in household or business trash may be prohibited. For safe disposal options for phones, contact your nearest Samsung authorized service center.

Section 15: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

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

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural

items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (i) any other acts which are not the fault of SAMSUNG; or (i) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or

show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser

must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are The Limits On Samsung's Warranty/liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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- 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.

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

whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

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

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Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

Important! If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

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

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