SCH-r211 Series

P O R T A B L E   T R I - 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.

SAMSUNG

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Samsung Telecommunications America (STA), LLC

Headquarters:	Customer Care Center:
1301 E. Lookout Drive	1000 Klein Rd.
Richardson, TX 75082	Plano, TX 75074
Toll Free Tel: 1.888.987.HELP (4357)	
Internet Address: http://www.samsungusa.com	

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Section 1: Getting Started

This section explains how to start using your Samsung r211 phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this manual 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 101.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the manual, beginning on page 73.

Notes and Tips

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

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

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icon appear in place of repeatedly-used procedural steps:

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

> **Example:** Select **Settings** ➔ **Call Settings** ➔ **Call Answer**.

Installing the Battery

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

1. Insert the top end of the battery first, matching the gold contacts on the top end of the battery to those inside the phone.

2. Press the bottom end of the battery down into the phone.

3. Place the battery cover over the battery.

4. Slide the cover upward into place.

Remove the Battery

1. If your phone is on, press and hold the ![END] key to turn off the phone.

2. Press the battery cover at point (1) and slide the cover toward the bottom end of the phone.
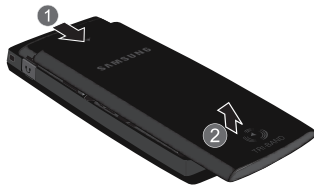
3. Lift the battery cover (2) up and away from the phone, bottom end first.

4. Lift the battery (3) up and away from the phone, bottom end first.

Charging the Battery

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

Use the Travel Adapter

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

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

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

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

Incorrect

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

Low Battery Indicator

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

Three bars (![battery icon]) indicate a full charge.

An empty battery icon (![battery icon]) indicates a near empty battery.

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

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

Activating Your Phone

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

Turning Your Phone On

▶ Press and hold ![end key] until the display lights.

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

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

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

Turn Your Phone Off

▶ Press and hold ![end key] for two or more seconds. Your phone powers off.

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

Setting Up Your Voicemail

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

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

1. In standby mode, press and hold the ▣ key or enter your own mobile number and press ▣ to dial Voicemail.

2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

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

Section 2: Understanding Your Phone

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

Features of Your Phone

Domestic and international voice and text messaging service (available on participating networks).

• High speed data [CDMA 2000 1x Advanced Wireless Services (AWS) Technology]
• Global Positioning (GPS) Technology
• PIM Functions
• Text (SMS) Messaging
• WAP (Wireless Application Protocol) Internet Browser
• Speakerphone

Front View of Your Phone
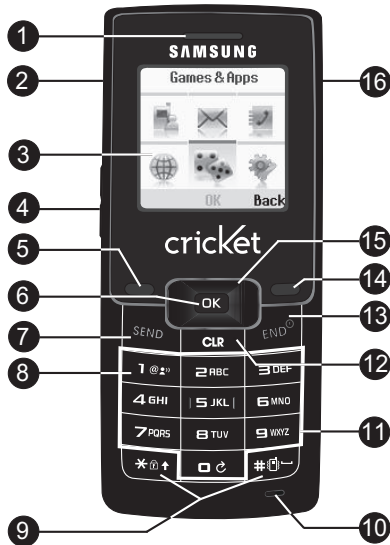
Features

1. **Earpiece / Speaker** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.

2. **Power / Accessories Connector** — Used to plug in charging accessories and to connect any available accessory cables to your phone.

3. **Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators and contents, signal strength, and so on.

4. **Volume Key** — In standby mode, lets you adjust the ring volume. When receiving a call, mutes the ringer. During a call, lets you adjust the voice volume. In Menu mode, lets you scroll through the phone menu options.

5. **OK Key** — In standby mode, launches the Main Menu. Pressing when navigating through a menu accepts the highlighted option.

6. **Left Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom left corner of the Display.

7. **SEND Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.

8. **Voicemail Key** — Lets you speed dial your Voicemail account to review your voice messages.

9. **Special Function Keys** — Enter special characters. Perform various functions.

10. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.

11. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.

12. **CLR Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.

13. **END Key** — Ends a call. If you press and hold the **END** key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.

14. **Right Soft Key** — Used to navigate through menus and applications and to select the choice indicated at the bottom right corner of the Main Display.

15. Navigation Key — In standby mode, launches selected functions or applications. In Menu mode, lets you scroll through the phone menu options.

16. Headset Connector — Lets you connect wired headsets to your r211 for handsfree operation.

Command Keys

Soft Keys

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

Left Soft Key

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

• In standby mode, press the **Settings** soft key (●) to launch the **Settings** menu.

• When the Left soft key function is Edit, press the **Edit** soft key (●) to edit a Contacts entry.

Right Soft Key

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

• In standby mode, press the **Contacts** soft key (●) to access the Contacts **Find** screen.

• When the Right soft key function is Options, press the **Options** soft key (●) and a pop-up menu appears.

• When the Right soft key function is Back, press the **Back** soft key (●) to back up one menu level.

OK Key

• In standby mode, launches the Main Menu.

• In a menu, press the **OK** key (OK) to accept the highlighted selection.

• When the **OK** key function is Edit, press the **Edit** key (OK) to edit a Draft message.

Clear Key

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

• If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.

• To erase the entire sentence, press and hold CLR .

• To back up one menu level, briefly press CLR .

END Key

• Press and hold the **END** key (END) to turn on your phone.

• Briefly press END once to disconnect a call.

• Press END to return to standby mode from any menu, or to cancel the last input.

SEND Key

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

• Press once to answer calls.

• Enter a number and briefly press to make a call.

• In standby mode, briefly press to display a list of recent calls to and from your phone.

• In standby mode, press twice to call the most recent number.

• Press to pick up a waiting call. Press again to switch back to the other call.

Navigation Key

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

Understanding the Display Screen

1. The top line of your phone's display contains icons that indicate network status, battery power, signal strength, connection type, and more.

❶
❷
❸
❹

2. The center portion of the display shows information such as call progress information, messages, and applications.

3. The bottom line of the display shows current soft key functions. The sample screen shows that pressing the Left soft key ( ) will display the **Settings** screen, pressing **OK** ( ) will display the Main Menu, and pressing the Right soft key ( ) will show the Contacts **Find** screen.

Display Screen Icons

Your r211 phone can show you definitions of the icons that appear on the top line of the display.

To access the Icon Glossary:

▶ In standby mode, press , then select **Tools & Settings → Settings → Phone Info → Icon Glossary**. A list shows of the icons that can appear on the top line of the displays.

Dialogue Boxes

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

• Choice
 – **Example:** "Save Message?"

• Reconfirm

– **Example:** "Erase All Messages?"
- Performing
  – **Example:** "Sending..." "Connecting..."
- Completed
  – **Example:** "Message Saved"
- Information
  – **Example:** "New Message"
- Error
  – **Example:** "System Error!"
- Warning
  – **Example:** "Low Battery," "Memory Full!"

Backlights

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

Note: During a phone call, the display backlight dims and turns off after 7 seconds to conserve battery power, regardless of the **Backlight** setting. (For more information, refer to *"Backlight"* on page 61)

Your Phone's Modes

Call Answer Mode

You can choose to answer a call by pressing any key except or , or by pressing only the key. (For more information, refer to *"Call Answer"* on page 63)

Input mode

Input mode determines how you enter text, numbers, and symbols. While at any text entry screen, press the Left soft key ( ), then choose the input mode from the pop-up menu using the Navigation key.

Optional input modes are **T9 Word**, **Abc**, **ABC**, **Symbols**, and **123**. (For more information, refer to *"Entering Text"* on page 26)

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

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the Volume key. Unlock your phone by entering the lock code when prompted. (For more information, refer to *"Change Lock"* on page 67)

Standby Mode

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

• After you power the phone on.

• When you press after a call or from within a menu.

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

Place Calls in Standby Mode

1. While in standby mode, enter a phone number, and press 🔘 to place a call.

2. Press 🔘 to return to standby mode.

Receive Messages in Standby Mode

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

• **View Now** — This selection allows you to view the messages now.

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

Highlight the desired viewing option and then press ⬜️.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **Options** soft key to display a list of menu options. (For more information, refer to *"In-Use Menu"* on page 18.)

Speakerphone Mode

To share a call with other people nearby, place your phone in Speakerphone Mode by pressing the **Options** soft key and selecting **Speaker On** during the call.

Caution!: Keep the phone away from you ear while in Speakerphone Mode. (For more information, refer to *"Responsible Listening"* on page 82)

To disable Speakerphone Mode, press **Options** and select **Speaker Off** or end the call.

Silent Mode

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

To enter Silent Mode:

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

To exit Silent Mode:

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

Vibrate Mode

While in Vibrate Mode, your phone does not ring to indicate
incoming calls or alarms, it vibrates instead.

To enter Vibrate Mode:

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

Note: The Volume key is on the left side of phone.

Adjust the Ringer

In standby mode, press ⟫key⟫ up or down.

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

Options are:

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

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

You can also enter the **Volume** > **Voice Calls** sub-menu by
pressing **MENU** ➔ **Tools & Settings** ➔ **Settings** ➔ **Sound Settings**
➔ **Volume** ➔ **Voice Calls**. Use the Volume key (⟫key⟫) on the
left side of your phone to adjust the ringer volume setting.

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

Keypad Lock

You can avoid accidental dialing and/or phone feature activation
by locking the keypad when not using your phone.

To Lock the Keypad:

▶ In standby mode, press and hold ⌨ until **Keypad is
 locked!** pops up in the display.

<u>To Unlock the Keypad</u>:

1. In standby mode, press the **Unlock** soft key. **Press * to unlock** pops up in the display.

2. Press ▬▬. **Keypad is unlocked!** pops up in the display.

Section 3: Call Functions

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

Making a Call — Number Entry Dialing

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

2. Press [SEND] to place the call.

Dialing Emergency Numbers

You can dial any of the numbers 911, *911, or #911 to place an emergency call.

If you dial 911, *911, or #911 and press [SEND], your phone dials the emergency number 911, automatically.

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

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

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

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

Manual Pause Calling

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

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

1. Enter the number you wish to call.

2. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:

   • **2-Sec Pause** — A 2-second pause after which dialing resumes.
   • **Wait** — A hard pause (waits for input from you).

3. Highlight the desired pause option.

4. Press the **OK** soft key to include the highlighted pause in your number sequence.

5. Press ◼ to call the number.

Making a Call — Contacts Dialing

After you store phone numbers and contact names in your phone's Contacts list, you can dial any Contacts entry without having to remember and enter the entire phone number.

To dial a Contacts entry:

1. In standby mode, press **MENU** ➔ **Contacts** ➔ **Find**. The Contacts **Find** screen appears in the display.

2. Use the keypad keys to enter the first few letters of the name of a Contacts entry you want to call. (For more information, refer to *"Entering Text"* on page 26)

3. Highlight the Contacts entry you want to dial.

To dial the Default Number for this Contact:

4. Press ◼.

Tip: You can select any number stored in a Contacts entry as the Default Number. (For more information, refer to *"Editing an Existing Contact Entry"* on page 33.)

To dial a number other than the Default Number:

5. After highlighting the desired Contacts entry, press the **VIEW** soft key. The **View Contact** screen appears in the display.

6. Highlight the particular number you want to dial, then press ◼.

Making a Call — Speed Dialing

You can store phone numbers and contact names in your phone's Contacts list. Speed Dialing lets you quickly and easily dial any contact in your Contacts list by using that contact's Speed Dial number in the list. You can assign and change Speed Dial numbers for your Contacts. (For more information, refer to *"Speed Dial Numbers"* on page 37)

One-Touch Dialing

Speed Dial numbers 002 through 009 are One-Touch dialing numbers. You can call the Contacts phone numbers assigned Speed Call numbers 002 through 009 by pressing and holding a single key.

Example: For location number 003, press and hold ◼ until the name and number appear in the display and the number is dialed.

Two-Touch Dialing

Speed Dial numbers 010 through 099 are Two-Touch dialing numbers.

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

Three-Touch Dialing

Speed Dial numbers 100 through 999 are Three-Touch dialing numbers.

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

Pause Dialing From a Contacts Entry

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

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

In-Use Menu

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

1. While in a call, press the **Mute** / **Unmute** soft key to disable/enable the microphone.

2. While in a call, press the **Options** soft key. The following options pop-up in the display:

   • **Message** — Display the **Messages** menu.
   • **Contacts** — Display the Contacts **Find** screen.
   • **Recent Calls** — View your **All Calls** log.
   • **Send DTMF** — Send your phone number as DTMF tones to the other person on the call.
   • **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection.
   • **Location** — Turn your GPS location on or set GPS location for emergency calls only.
   • **Speaker On** / **Off** — Enables/disables Speakerphone mode.

3. With the In-Use Menu showing, do one of the following:

   • Select a menu option to open the highlighted menu or to activate the highlighted feature.
   • To exit the In Use menu, press ![key].

Answering a Call

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

• A ring tone sounds and/or your phone vibrates (Your phone provides: seven ring volume settings including 1- beep, Vibrate, or Silence All, and/or different ring types to distinguish callers.)

• A phone number (unless blocked by the caller) and a name appear in the display (If the caller's number and name are stored in your Contacts list).

• If the caller can't be identified, **Call from unavailable#**, **Call from restricted number**, or no number appears in the display.

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

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

Answering an Incoming Call

 ▶ Press [SEND]. The ring tone and/or vibration stops and the caller's voice can be heard in the earpiece.

Tip: You can set your phone to answer calls automatically or when you press any key but [END]. (For more information, refer to *"Call Settings"* on page 63)

Rejecting a Call

When you reject an incoming call, the call is immediately forwarded to your voicemail.

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

Tip: You can mute the ringer to ignore an incoming call by pressing the **Quiet** soft key.

Adjusting the Call Volume

In standby mode, repeatedly press the Navigation key Up or Down until the desired **Voice Calls** level appears in the display, then press the **SET** soft key.

Calls Log

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

Review the Calls Log

 1. In standby mode, press **MENU ➔ Calls**. The following Calls log options appear in the display:

 • **Outgoing Calls**
 • **Incoming Calls**
 • **Missed Calls**

- **All Calls**
- **Call Timer**
- **Data Counter**

2. Select the desired Calls log. A list of calls appears in the display.

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

The following subsections describe the various Calls log options.

Outgoing Calls

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

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

1. In standby mode, press **MENU ➔ Calls ➔ Outgoing Calls**. A list of your outgoing calls appears in the display.

2. Highlight a call entry, then press the **OPEN** soft key to view further information about the call.

3. Press the **Msg** soft key to send a text message to the number shown in this outgoing call record.

4. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:

- **Save** the phone number in this outgoing call record to a Contacts entry (New or Existing).
- **Details** — Contacts entries only — Shows details of the Contacts entry you called.
- **Erase** this outgoing call record. (If this is a recent call, it will no longer appear in the Recent Calls list.)
- **Lock** / **Unlock** this outgoing call record.
- **Erase All** outgoing call records.
- **View Timer** for outgoing call records.

5. Highlight the desired option, then press the **OK** soft key to perform the highlighted option's function.

Incoming Calls

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

1. In standby mode, press **MENU** ➔ **Calls** ➔ **Incoming Calls**. A list of your incoming calls appears in the display.

2. Highlight a call entry, then press the **OPEN** soft key to view further information about the call.

3. Press the **Msg** soft key to send a text message to the number shown in this incoming call record.

4. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save** the phone number in this incoming call record to a Contacts entry (New or Existing).
   - **Details** — Contacts entries only — Shows details of the Contact who called you.
   - **Erase** this incoming call record. (If this is a recent call, it will no longer appear in the Recent Calls list.)
   - **Lock** / **Unlock** this incoming call record.
   - **Erase All** incoming call records.
   - **View Timer** for incoming call records.

5. Highlight the desired option, then press the **OK** soft key to perform the highlighted option's function.

Missed Calls

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

1. In standby mode, press **MENU** ➔ **Calls** ➔ **Missed Calls**. A list of your missed calls appears in the display.

2. Highlight a call entry, then press the **OPEN** soft key to view further information about the call.

3. Press the **Msg** soft key to send a text message to the number shown in this missed call record.

4. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save** the phone number in this missed call record to a Contacts entry (New or Existing).
   - **Details** — Contacts entries only — Shows details of the Contact who called you.
   - **Erase** this missed call record. (If this is a recent call, it will no longer appear in the Recent Calls list.)
   - **Lock** / **Unlock** this missed call record.
   - **Erase All** missed call records.
   - **View Timer** for missed call records.

5. Highlight the desired option, then press the **OK** soft key to perform the highlighted option's function.

All Calls

You can access calls from the **Outgoing Calls**, **Incoming Calls**, and **Missed Calls** logs individually, or you can use the **All Calls** option to access all calls from all call logs.

1. In standby mode, press **MENU → Calls → All Calls**. A list of all of your calls appears in the display.

2. Highlight a call entry, then press the **OPEN** soft key to view further information about the call.

3. Press the **Msg** soft key to send a text message to the number shown in this call record.

4. Press the **Options** soft key. A pop-up menu containing the following options appears in the display:
   - **Save** the phone number in this call record to a Contacts entry (New or Existing).
   - **Details** — Contacts entries only — Shows details of the Contact who called you.
   - **Erase** this call record. (If this is a recent call, it will no longer appear in the Recent Calls list.)
   - **Lock** / **Unlock** this call record.
   - **Erase All** call records.
   - **View Timer** for this call record.

5. Highlight the desired option, then press the **OK** soft key to perform the highlighted option's function.

Call Timer

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

Note: Call Timer is not for billing purposes.

1. In standby mode, press **MENU → Calls → Call Timer**. The following options appear in the display:
   - **Last Call** — View the duration of your last call.
   - **Home Outgoing** — View the durations of your outgoing calls.
   - **Home Incoming** — View the durations of you incoming calls.
   - **Roaming Calls** — View the durations of your roaming calls.
   - **All Calls** — View the duration of all calls on your phone since the last reset.
   - **Last Reset** — View the date and time of the last reset of call timers.
   - **Lifetime Calls** — View the lifetime counter of all calls since service was initiated. (The only option is to Reset All, which resets all of the other timers. Lifetime call records cannot be reset.)

2. Use the Navigation key to scroll through the counters.

3. Press <kbd>CLR</kbd> to exit the menu.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports, such as Axcess Shop. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In standby mode, press **MENU → Calls → Data Counter**. The following options appear in the display:

   • **Transmit** — View the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   • **Received** — View the amount of data (in kilobytes) that your phone has received since last being reset.
   • **Total** — View the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   • **Last Reset** — View the last date and time the counters were reset.
   • **Lifetime Data Counter** — View the amount of data sent/received since service was activated. (The only option is to Reset All, which resets all of the other counters. Lifetime data counter records cannot be reset.)

Roaming

What is Roaming?

Roaming lets you use your phone when you travel outside of your Wireless Provider's coverage area. The Roaming icon ($\mathbf{R}_{|||||}$)

appears in the top line of the display when Roaming is active, and extra charges may apply when making or receiving calls.

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

How Roaming Works

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

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

Section 4: Menu Navigation

This section explains the menu navigation and keypad shortcuts for your phone.

Menu Navigation

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

1. In standby mode, press the **MENU** key (OK). The Main Menu appears in the display.

Note: More than one menu may appear in your display. This setting can be modified in the **Display** > **Menu Style** menu. (For more information, refer to *"Menu Style"* on page 60)

2. Use the Navigation key to browse through the menus.

3. Press OK to access a desired menu or sub-menu.

4. Press the **Back** soft key or the **CLR** key (CLR) to return to the previous menu.

Navigate Using Menu Shortcuts

You can also access menus and sub-menus using menu numbers. To select a menu option, just press the number key that corresponds with the number shown with the desired menu

option. In this way, you can reduce the number of key presses needed to drill down through your phone's menus.

Example: Pressing OK, [5MNO] (for **Tools & Settings**), [2ABC] (for **Settings**), [3DEF] (for **Sound Settings**), [2ABC] (for **Ringer Type**), [1@.z] (for **Voice Calls**), [1@.z] (for **My Ringtones**) to reach a list of available ringtones is much shorter than repeated use of the Navigation key to highlight each option followed by pressing OK.

Quick Search Method

For information on enabling Quick Search, see *"Quick Search"* on page 70.

1. In standby mode and with Quick Search enabled, press the first few numeric keys that correspond to the letters of the menu option or sub-menu title.

Example: To search for "Inbox" you would enter **462**.

2. Press the Down navigation key. A list of menu titles that begin with letters corresponding to the number keys you pressed appears in the display.

3. Highlight the searched for menu or menu item, then press
   `OK`.

Navigation Key Shortcuts

In standby mode, press a Navigation key to launch the key's
corresponding application in the pattern shown here.
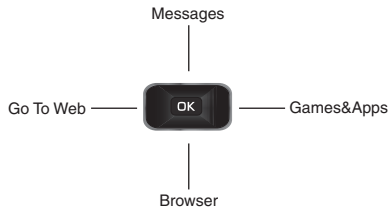
Section 5: Entering Text

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

Changing the Text Entry Mode

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

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

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

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

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

Or, do the following:

 1. Press the Left soft key.

 2. Highlight one of the following text entry modes:

  • **T9Word**
  • **Abc**
  • **ABC**
  • **123**
  • **Symbols**

 3. Press OK.

Using T9® Mode

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

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

2. For practice, enter the word "**Samsung**" by pressing each of the following keys only once:

7PQRS	2ABC	6MNO	7PQRS	8TUV	6MNO	4GHI
S	**A**	**M**	**S**	**U**	**N**	**G**

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

If more than one word shares the same numeric sequence, T9 Word provides the most commonly used word. Press ☐ to display other words, if available.

Note: To enter a space, press the ▣ key. To enter a period, press the ▣ key. These key functions apply to both T9 Word and Abc modes. (For other symbols, see *"Entering Symbols"* on page 28..)

Using Abc Mode

1. While composing a text message, press the Left soft key. Select **Abc** or **ABC**.

2. Enter characters while in Abc mode by pressing a key repeatedly until the desired character appears in the display.

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

3. Pause briefly and the displayed character is accepted and inserted into your message.

4. Press ▣ to enter a space and press ▣ to enter a period.

Entering Numbers

Enter numbers into a text message while in 123 mode.

   1. While composing a text message, press the Left soft key. Select **123**.

   2. Enter numbers while in 123 mode by pressing the key labeled with the corresponding number that you wish to insert into your message.

Entering Symbols

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

   1. While composing a text message, press the Left soft key, Select **Symbols**. The first of three symbol screens appears in the display.

   2. Use the **Prev** and **Next** soft keys to page through the other symbols, if desired.

   3. Press the key that corresponds with the symbol that you wish to enter.

Example: Press ⁴ᵍʰⁱ for an exclamation point (!).

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

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

Your Contacts List

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

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

Tip: One-Touch, Two-Touch, and Three-Touch Dialing allow you to call numbers stored in your Contacts list faster. (See page 17.)

Open Your Contacts List

1. In standby mode, press **MENU** ➔ **Contacts**. The following Contacts sub-menus and options appear in the display:

   • **Find** — Find a phone number by entering a Contact name.
   • **Add New Entry** — Add a number or e-mail to your Contacts.
   • **Speed Dial** — Assign speed dial numbers to your Contacts.

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   • **Group** — Rename one of your five Contacts groups.
   • **Memory Info** — View available memory for dial entries.

2. Select the Contacts sub-menu or option of your choice.

Tip: You can also access a sub-menu or menu option by pressing the number key corresponds to the menu item number. For example, select **Add New Entry**.

Adding a New Contacts Entry

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

Using the Contacts Add Option

1. In standby mode, press **MENU** ➔ **Contacts** ➔ **Add New Entry**. The **Add New Entry screen** appears in the display with the **Name** field highlighted.

2. Enter a name or phrase to associate with the type using the keypad. (For more information, refer to *"Entering Text"* on page 26.)

3. Use the Up/Down navigation keys to highlight each field.

4. Enter a phone number (**Mobile**, **Home**, or **Work**,) or an e-mail address (**E-Mail**) for the new Contacts entry.

5. If desired, assign the new Contact to a **Group**. This lets you send messages to and find this Contact and other related contacts. (For more information, refer to *"Group"* on page 33.)

6. If desired, select a unique **Ringtone** to identify this new Contact. (For more information, refer to *"Ringer Type"* on page 62.)

7. If desired, enter an additional phone number (**Pager** or **Fax**) for the new Contacts entry.

8. Press **SAVE** (OK) to save the new Contacts entry.

Saving a Number from a Call

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

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

1. After you press [key] to end your call, the call time, length of call, phone number, and name of the other party (if available) appear in the display.

2. Press the **Save** soft key. The **Save** screen appears in the display showing the following options:

• **Create New** — Lets you create a new Contacts entry.
• **Update Existing** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.

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

Creating a new Contacts entry:

3. Select **Create New**. The following (number type) icons appear in the display:

[icon] Mobile   [icon] Home   [icon] Work

[icon] Pager   [icon] Fax

4. Select the number type that matches your new entry. The **Add New Entry** screen appears in the display with the number being saved populating the selected number type field. (For more information on creating a new Contacts entry, see *"Using the Contacts Add Option"* on page 29.)

Adding the number to an existing Contacts entry:

5. Select **Update Existing**. The **Update Existing** screen appears in the display showing your current Contacts list.

6. Enter the first few characters of the Contacts entry name under which you will store the saved number. (For more information on finding a Contacts entry, see *"Finding a Contacts Entry"* on page 32.)

7. Select the desired Contacts entry. The following (number type) icons appear in the **Update Existing** screen:

📱 Mobile   🏠 Home   🏢 Work

📟 Pager   📠 Fax

8. Select the appropriate unassigned number type. The **Edit Contact** screen appears in the display.

9. Make any added changes you wish to the Contacts entry. (For more information, see *"Editing an Existing Contact Entry"* on page 33.)

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

Storing Number from a Calls Log

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

1. In standby mode, press **MENU → Calls**.

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2. Press the corresponding number on the keypad to view the following Calls logs:

- Press ▣ for **Outgoing Calls**
- Press ▣ for **Incoming Calls**
- Press ▣ for **Missed Calls**
- Press ▣ for **All Calls**
- Press ▣ for **Call Timer**
- Press ▣ for **Data Counter**

A list of your calls appears in the display.

3. Highlight the number you wish to store in **Contacts**.

4. Press the **Options** soft key. The following options appear in the display:

- **Save** — Saves the selected number to your Contacts list.
- **Details** — Contacts calls only — Lets you view the Contacts entry for the recipient of this call.
- **Erase** — Deletes the selected number from the selected Calls log.
- **Lock** / **Unlock** — Prevents/allows deletion of the selected number.
- **Erase All** — Deletes all numbers from the selected Calls log.
- **View Timer** — Shows the call times for the Last Call, All Calls, Home Incoming, Home Outgoing, Roaming Calls, Last Reset, and Lifetime Calls timers for the selected Calls log.

5. Select **Save**. The following options appear in the display:

- **Create New** — Lets you create a new Contacts entry.

• **Update Existing** — Lets you add the number or e-mail address you just entered to an existing Contacts entry.

For more information on saving the number, see *"Saving a Number from a Call"* on page 30.

Finding a Contacts Entry

Keypad Methods

Find by Name

If you have stored a named contact in your Contacts list, **Find** and **Quick Search** let you locate the entry quickly.

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

   • Press the **Contacts** soft key.
   • Press **MENU → Contacts → Find**.

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

Tip: If you have **Quick Search** enabled, from standby mode, you can press number keys that correspond to the first few letters of a Contact name, press the Up navigation key, then skip to Step 3. (For more information, refer to *"Quick Search"* on page 70.)

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

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

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

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

   • Use the Left/Right navigation keys to select a number associated with the named Contact.
   • Press ▪ to dial the number associated with the named Contact.
   • Press the **Edit** soft key to change the information about the Contact.
   • Press **VIEW** (▪) to show information about the Contact.
   • Press the **Options** soft key. The following options appear in the display:
     – **New Contact** — Lets you add a new number to your Contacts list or to the selected Contact.
     – **Erase** — Lets you delete the highlighted Contact.
     – **Send Text Msg** — Lets you send a text message to the selected contact.
     – **Send Name Card Via Bluetooth** — Lets you send the selected Contact to a Bluetooth device.
     – **Call** — Lets you place a call to the highlighted Contact.

4. Select the desired option to enter that option's sub-menu.

Group

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

1. In standby mode, press **MENU → Contacts → Group**. The **Group List** screen appears in the display.

2. Select the name of the group you wish to browse. The selected Group list appears in the display.

3. Find and highlight the desired Contacts entry, then do one of the following:

   • Press the **Remove** soft key to delete the selected contact from the Group. (Does not apply to No Group.)
   • Press **OK** to **ADD** an existing contact entry to the selected Group. (Does not apply to the General group.)
   • Press the **Options** soft key. The following options appear in the display:
     – **Send Text Msg** — Lets you send a text message to selected contact(s) in the current group.

4. Press **OK** to enter that option's sub-menu.

Search by Number

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

1. In standby mode, enter the first few numbers of the Contacts list entry you wish to find (such as the area code or area code and exchange — for example, 888-987).

2. Press **Options → Search**. The **Find** screen appears in the display listing all phone numbers in your Contacts list that contain the entered digits.

3. Highlight the desired Contacts entry (if necessary). Then do one of the following:

   • Press 🔘 to dial the highlighted number.
   • Press **OK** to display information about the Contacts entry associated with the highlighted number. From the **View Contact** screen, you can erase or edit the selected Contacts entry.

Editing an Existing Contact Entry

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

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 32.)

2. Press the **Edit** soft key. The **Edit Contact** screen appears in the display with the contact name highlighted.

3. Use the Up/Down navigation keys to highlight a number stored in this contact entry.

4. Press **CLR** to backspace and delete numbers.

5. Press and hold **CLR** to clear all numbers in the highlighted field.

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

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

Adding Pauses to Contacts Numbers

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

• **2-Sec Pause** — A two-second pause stops the calling sequence for two seconds and then automatically sends the remaining digits.

• **Wait** — A hard pause stops the calling sequence until further input from you.

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

Note: Keep in mind that pauses count as digits towards the 32-digit maximum.

Store Pauses in a New Contacts Entry

1. In standby mode, enter the number you wish to store (such as your bank's teleservice number).

2. Press the **Options** soft key. The following menu options appear in the display:

   • **Search** — Lets you find Contacts list entries by their phone numbers.
   • **2-Sec Pause** — Adds a two-second pause.
   • **Wait** — Adds a hard pause (awaits input from you).
   • **Send Text Msg** — Lets you send a text message to the entered number.

3. Select the pause option of your choice to enter the highlighted pause into your number sequence.

4. When you're finished entering the number and pauses, press the **Save** function key to store the number in your **Contacts**.

Add Pauses to an Existing Contacts Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 32.)

2. Press the **Edit** soft key. The **Edit Contact** screen appears in the display with the contact name highlighted.

3. Highlight a number stored in this contact entry.

4. Use the Navigation key to place the cursor where you want to add a pause (usually at the right-hand end of the number).

5. Press the **Options** soft key. The following menu options appear in the display:

   • **Set Speed Dial** — lets you assign a Speed Dial number to this Contacts entry.
   • **Set As Default** — your phone automatically dials this number when you find this Contacts entry and press the ▢ key.
   • **Wait** — a hard pause (awaits input from you).
   • **2-Sec Pause** — a two-second pause.

6. Select the pause option of your choice to enter it into your number sequence.

7. When you're finished adding pauses, press **OK** to save your changes to the number in your **Contacts**.

Assigning Speed Dial Numbers

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

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 32.)

2. Press the **Edit** soft key. The **Edit Contact** screen appears in the display with the contact name highlighted.

3. Use the navigation keys to highlight a number stored in this contact entry.

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

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4. Press the **Options** soft key.

The following menu options appear in the display:

- **Set Speed Dial** — Lets you assign a Speed Dial number to this Contacts entry.
- **Set as default** — Your phone automatically dials this number when you Find this Contacts entry and press ![send key].
- **Wait** — A hard pause (awaits input from you).
- **2-sec Pause** — A two-second pause.

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

5. Enter, or use the Navigation key to select, an unassigned Speed Dial number.

6. Press **OK** to assign the new Speed Dial number to the selected Contact. You are prompted to confirm the assignment.

7. Press the **Yes** soft key to assign the selected Speed Dial number. The **Edit Contact** screen appears in the display.

8. Press **OK** to save the new Speed Dial number assignment.

Add a Number or E-Mail Address to an Existing Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 32.)

2. Press the **Edit** soft key. The **Edit Contact** screen appears in the display with the contact name highlighted.

3. Highlight a number field or e-mail field in this contact entry.

4. Enter the phone number or e-mail address for the new Contacts entry.

5. Press **OK** to add the number or e-mail address to the existing entry.

Edit an Existing e-mail Address

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 32.)

2. Press the **Edit** soft key. The **Edit Contact** screen appears in the display with the contact name highlighted.

3. Highlight the **E-Mail** field (labeled with the **@** symbol).

4. Use the keypad to edit the **E-Mail** address. (For more information, refer to *"Entering Text"* on page 26.)

- To insert the @ symbol, do the following:
  – Press the **abc** soft key. A pop-up menu appears in the display with **Abc** highlighted.
  – Select **Symbols**.
  – Select the **@** symbol.
  – Enter the remainder of the e-mail address using the keypad. (For more information, refer to *"Entering Text"* on page 26.)
- To add the domain type to the end of the e-mail address, do the following:
  – Press the **abc** soft key. A pop-up menu appears in the display with **Abc** highlighted.
  – Select **Shortcuts**.
  – Select the desired domain type (such as, .com, .net, or .edu).
5. Press **OK** to save your changes.

Speed Dial Numbers

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

1. In standby mode, press **MENU ➔ Contacts ➔ Speed Dial**. The **Speed Dial** list appears in the display.

Tip: You can also assign a Speed Dial number when creating or editing a Contacts entry. For more information, refer to *"Assigning Speed Dial Numbers"* on page 35.

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

Renaming a Contacts Group

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

1. In standby mode, press **MENU ➔ Contacts ➔ Group**. A list of group names (like the following list) appears in the display:
   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**

2. Highlight the group (other than **No Group**) that you wish to rename, then press the **Options** soft key. The following options appear in the display:

   • **Send Text Msg** — Lets you send a text message to all contacts in the selected Group.
   • **Rename** — Lets you change the name of the selected Group.
   • **Erase** — Lets you delete the selected Group (this does not delete the related Contacts).
   • **Add** — Lets you add a new Group.

3. Select **Rename**.

4. The **Rename Group** screen appears in the display. The current name of the selected group shows with a flashing cursor at the end of the name.

5. Enter a new group name using the keypad. (For more information, refer to *"Entering Text"* on page 26.)

6. Press **OK** to save the changed group name.

Deleting a Contacts Entry

1. Find the desired entry in the Contacts list. (For more information, refer to *"Finding a Contacts Entry"* on page 32.)

2. Press **Options → Erase**. The phone prompts you to confirm the erasure.

3. To erase the selected Contacts entry, press the **Yes** soft key. To retain the Contacts entry, press the **No** soft key.

Memory Info

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

► In standby mode, press the **MENU → Contacts → Memory Info**. The amounts of memory used and remaining for Contacts entries appear in the display.

Section 7: Messaging

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

Accessing Your Messages

▶ To access the **Messages** menu from standby mode, do one of the following:

- Press the Messages shortcut (Up navigation) key.
- Press **MENU ➔ Messages**.

The Messages menu appears in the display.

Creating and Sending New Messages

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

Creating and Sending a Text Message

1. From the **Messages** menu, select **Send Message**. The **Create Txt Msg** screen appears in the display showing the **Send To** list.

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

- To select a mobile number or e-mail address using your Contacts list, press the **Add** soft key. The following options appear in the display:
  - **Contacts**
  - **Groups**
  - **Recent Calls**

  The **Contacts** option is highlighted.

  Press **OK**. The **Add Contacts** screen appears in the display. See "Finding a Contacts Entry" on page 32 for more information on finding a contact.

  Use the Up and Down navigation keys to highlight a contact. Use the Left and Right navigation keys to select a phone Number or E-mail address for the highlighted Contact. Press **OK** to mark your selection. To add the selected contacts to the **Send To** list, press the **Done** soft key. The **Create Txt Msg** screen appears in the display.

- To enter recipient e-mail address(es), press and hold the **✱** key to change the text entry mode from **123** to **T9 word** or **abc**. (For more information, refer to "Add a Number or E-Mail Address to an Existing Entry" on page 36.)

Press the Down navigation key to select additional **Send To** fields, as needed.

3. When you are finished addressing your message, press **OK**. The **Text** field appears in the display.

4. Enter the text for your message using the keypad. (For more information, refer to *"Entering Text"* on page 26.)

   • To change the text input method, do one of the following:
     – Repeatedly press and hold the ![key] key until the desired text input method is indicated by the left soft key label.
     – Press the Left soft key, use the navigation keys to select the desired text input method, and press **OK**.
   • Press the Left soft key to select one of the following text entry methods:
     – **T9 Word**
     – **Abc**
     – **ABC**
     – **123**
     – **Symbols**

5. At any point while composing a message, you can set message send options by pressing the **Options** soft key. (For more information, refer to *"Message Send Options"* on page 40.)

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

Message Send Options

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

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

   • **Preset Msgs** — Lets you add pre-composed text to a message.
   • **Save As Draft** — Saves this message in the Drafts folder.
   • **Save As Preset** — Saves the text of this message as a Preset Message.
   • **Add To Contacts** — Lets you add the addressee numbers or E-mail addresses to your Contacts list.
   • **Delivery** — Lets you set Message Receipt (**On/Off**), message Priority (**Normal/Urgent**), and whether to include your Callback Number or Signature in a message.
   • **Cancel Msg** — Lets you stop composition of this message without sending it. (You are prompted to save the message in the Drafts folder.)

2. Use the Navigation key to display the various **Send Options** for each menu item.

3. When the desired send option is highlighted, press **OK** to confirm the selection or to enter the send option's sub-menu.

Receiving New Messages

When you receive a message in standby mode, an alert sounds (unless turned off) and a **New Message** notification appears in the display along with the closed envelope icon (✉).

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

• **View Now** — Opens the message where you have the option to Forward, Reply With Copy, Save Preset Msg, Lock/Unlock, Add To Contacts, Extract, or Message Info.

• **View Later** — Closes the popup and saves the message to your inbox where you can view it later.

Select the desired option.

Receive Messages While in a Call

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

• **View Now** — Opens the message where you have the option to Forward, Reply With Copy, Save Preset Msg, Lock/Unlock, Add To Contacts, Extract, or Message Info.

• **View Later** — Closes the popup and saves the message to your inbox where you can view it later.

Select the desired option.

Voicemail

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

Voicemail Setup

Before callers can leave voice mail messages, you must first set up your account. See *"Setting Up Your Voicemail"* on page 6 and *"Message Settings"* on page 45 for more information.

Checking your Voicemail

1. In standby mode, press and hold ▣ until you're connected to the voice mail system. A recorded message prompts you for a password.

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

Tip: You can also access your Voicemail by using the entries in the Voicemail folder. For more information, refer to *"Voicemail"* on page 44.

Message Folders

Inbox

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

1. From the **Messages** menu, select **Inbox**, to open the **Inbox** folder.

2. Use the navigation keys to highlight a message, then do one of the following:

    • Press the **Erase** soft key to delete the message.
    • Press **OPEN** (◻) to view the highlighted message, then proceed to Step 3.
    • Press the **Options** soft key. The following options appear in the display:
       – **Reply** — Lets you reply to a message.
       – **Reply With Copy** — Text Message only — Lets you reply to a message and include a copy of the original message.
       – **Forward** — Lets you forward the message to other e-mail addresses or mobile phone numbers.
       – **Lock** / **Unlock** — Blocks or allows erasure of the selected message.
       – **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
       – **Erase Inbox** — Deletes all messages from the Inbox folder.
       – **Message Info** — Lets you display status information about a message.

Select an option to perform its function.
• Press ▣ to return to the **Messages** menu.

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

    • Press the **Erase** soft key to delete the message.
    • Press the **REPLY** (◻) to compose and send a message to the sender of the highlighted message.
    • Press the **Options** soft key. The following options appear in the display:
       – **Forward** — Lets you forward the message to other e-mail addresses or mobile phone numbers.
       – **Reply With Copy** — Lets you reply to a message and include a copy of the original message.
       – **Save Quick Text** — Saves the message text as a Preset Message entry.
       – **Lock** / **Unlock** — Block or allow changes to the selected message.
       – **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
       – **Message Info** — Lets you display status information about a message.
       – **Extract** — Lets you call the originator of the message.
       Select an option to perform its function.
    • Press ▣ to return to the **Inbox** list.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code. (For more information, refer to *"Lock Phone"* on page 66.)

Outbox

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

Tip: Verify whether and when a message or e-mail was successfully received by enabling the Delivery Ack message send option. (See *"Message Send Options"* on page 40 for more information.)

1. From the **Messages** menu, select **Outbox**. A list of your outgoing messages appears in the display.

2. Use the navigation keys to highlight a message, then do one of the following:

    • Press the **Erase** soft key to delete the message.
    • Press **OPEN** ( ) to view the highlighted message, then proceed to Step 3.
    • Press the **Options** soft key. The following options appear in the display:
      – **Forward** — Send the message to another addressee.

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– **Resend** — Re-send the message.
– **Lock** / **Unlock** — Block a message from being erased or free a message to be erased.
– **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
– **Erase Outbox** — Erase all messages in the Outbox folder.
– **Message Info** — Lets you display status information about picture messages.

Select an option to perform its function.

• Press the key to return to the **Messages** menu.

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

    • Press the **Erase** soft key to delete the message.
    • Press the **RESEND** ( ) key to resend a message to the original addressee.
    • Press the **Options** soft key. The following options appear in the display:
      – **Forward** — Send the message to another addressee.
      – **Save Quick Text** — Save the message text in the Preset Msg folder.
      – **Lock** / **Unlock** — Block a message from being erased or free a message to be erased.
      – **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
      – **Message Info** — Lets you display status information about picture messages.
      – **Extract** — Lets you call the recipient of the message.

Select an option to perform its function.

• Press ⌫ to return to the **Outbox** list.

Drafts Folder

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

1. From the **Messages** menu, select **Drafts**. A list of your draft messages appears in the display.

2. Use the navigation keys to highlight the message that you wish to edit, then do one of the following:

   • Press the **Erase** soft key to delete the message.
   • Press **EDIT** (OK) to view and edit the highlighted message.
   • Press the **Options** soft key. The following options appear in the display:
   – **Send** — Send the message to the current addressee(s).
   – **Lock** / **Unlock** — Block/permit erasure of a message.
   – **Add To Contacts** — Lets you add the addressee numbers or e-mail addresses to your Contacts list.
   – **Save Preset Msg —** Save the message text in the Preset Msg folder.
   – **Erase Drafts** — Erase all unlocked messages in the Drafts folder.
   Select an option to perform its function.

• Press ⌫ to return to the **Messages** menu.

3. If you press **EDIT**, the **Create Txt Msg** screen appears in the display showing the addressee fields. Change or add addressees as needed, then press OK . The **Text** field appears in the **Create Txt Msg** screen.

4. Use the keypad to change or add message text. (For more information, refer to *"Entering Text"* on page 26.)

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

   • Press **SEND** (OK) to send your message.
   • Press the **Options** soft key to access additional message options. (For more information, refer to *"Message Send Options"* on page 40.)
   • Press ✆ to exit the message. You are prompted to save your changed message to the Drafts folder.

Voicemail

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

1. From the **Messages** menu, select **Voicemail**. A Voicemail status screen indicating the number of new messages in your voice mailbox, their urgency, and any callback

numbers appears in the display.

2. Press ![send] to call your voice mailbox and listen to your voice messages.

Note: You can, in standby mode, also press and hold ![1] to dial your voice mailbox.

Erasing Messages

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

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

1. From the **Messages** menu, select **Erase Messages**. The following options appear in the display:

 • **Inbox** — Lets you delete all messages from your Inbox.
 • **Outbox** — Lets you delete all messages from your Outbox.
 • **Drafts** — Lets you delete all draft messages from the Drafts folder.
 • **All Messages** — Lets you delete all messages from all message folders.

2. Select the folder containing the messages that you wish to delete. You are prompted to confirm the erasure of all messages in the folder.

3. To cancel deleting any messages, press the **No** soft key. To delete all messages from the selected folder, press the **Yes** soft key.

Message Settings

The **Msg Settings** menu lets you define numerous message settings such as notification types and save options.

1. From the **Messages** menu, select **Msg Settings**. The following **Msg Settings** options appear in the display:

 • **Notification** — Lets you choose whether to be notified of a new message by the appearance of an on-screen message and the new message icon or by the Icon Only.
 • **Auto Save** — Lets you set whether to automatically save to the Outbox folder, to discard, or to prompt you to save unsent messages when you exit them.
 • **Auto Erase** — Automatically erase the oldest read message after memory is full.
 • **Auto View** — Automatically displays the message.
 • **Entry Mode** — Lets you set the default text entry mode [T9 Word, Abc/ABC (alphabetical), or 123 (numerical)] for composing message text.

- **CB#** — Lets you disable, enable, and update the callback number that can be inserted in outgoing messages.
- **VM#** — Lets you update your Voicemail access number.
- **Signature** — Lets you disable, enable, and update the text signature that can be inserted in outgoing messages.
- **Preset Msgs.** — Lets you change pre-composed text or compose text for addition to your outgoing messages.
- **Auto Scroll** — When set to **On**, the phone automatically scrolls message text, letting you see the complete message text without using the Navigation key.
- **Messaging Font Size** — Lets you set the messaging font size.

2. Select the desired setting sub-menu to access it and select the desired value(s).

Section 8: Browser

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

Browser

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

Stored Web Content

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

Launching Browser

1. In standby mode, do one of the following to launch **Browser**:

   • Press the Left navigation key.

   • Press **MENU** ➔ **Browser** ➔ **Go to Web**.

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

   A list of categories (each representing one or more web sites) appears in the display.

2. Use the navigation keys to browse the categories.

3. Once the desired category is highlighted, press the soft key to enter the category list.

Exit Browser

▶ Press to exit **Browser**.

Using Browser

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

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

• Simple text.

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

Browser soft keys

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

Using Links

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

How Browser Keys Work

The following table lists Browser keys and their functions.

Navigation keys — Use to browse lists and options.

BACK Key — A browse, back-up key. Press once to back up one page. Press and hold to go back to home page. Press to clear the last number, letter, or symbol entered. Press and hold to completely clear the display.

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

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

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

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

End Key — Press to exit the 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: Games & Apps

This section explains the Games & Apps features where users can download multimedia, applications, games, and check news and sports.

Finding Applications

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

1. In standby mode, do one of the following to launch **Games & Apps**:

   • Press the Right navigation key.
   • Press **MENU ➔ Games & Apps ➔ Games & Apps**.

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

The Games & Apps screen appears in the display with the

Games & Apps icon (🛒) highlighted. You have the

following options:

• Press OK . The **Games & Apps** menu appears in the display. You can use the items in this menu to browse or search for, purchase, and download applications.

• Use the navigation keys to select an application on your phone that you wish to launch.

Section 10: Tools/Utilities

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

Tools/Utilities Menu

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

Opening Tools/Utilities Menu

1. In standby mode, press **MENU** ➔ **Tools & Settings** ➔ **Tools/Utilities**. The following sub-menus appear in the display:

   • **Calendar** — Lets you view the current, past, or future month in a monthly calendar layout.
   • **Memo Pad** — Lets you store and review useful information.
   • **Alarm Clock** — Lets you set an alarm to go off once, or daily, at a specified time.
   • **World Time** — Lets you view the current time of day or night in another part of the world.
   • **Calculator** — Lets you perform calculations, including addition, subtraction, multiplication, and division.

   • **Stop Watch** — Lets you view the amount of time.
   • **Converter** — Lets you convert currencies (according to the latest rates) and weights, measures, and temperatures from one system or increment to another.
   • **Tip Calculator** — Lets you quickly calculate service gratuities with a minimum of keypresses.

2. Select the desired application.

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

Calendar

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

View an event

1. From the **Tools/Utilities** menu, select **Calendar**.

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

2. Use the Navigation key to move around within the calendar screen.

The following controls are also available:

- Press the **Add** soft key to add an event to the highlighted date.
- Press `OK` to open the highlighted date.
- To view previous months, press the Volume key (━━) Up.
- To view future months, press the Volume key (━━) Down.
- Press the navigation keys to move to an individual day, one day or one week at a time.
- Press the **Options** soft key while viewing the calendar. The following options appear in the display:
  - **Go to Date** — Lets you jump to any date you specify.
  - **Go to Today** — Lets you jump to any date you specify.
  - **Erase Old** — Lets you erase past events.
  - **Erase all** — Lets you erase all events.

  Select the desired option to perform the related process.

Add a New Event

1. From the **Tools/Utilities** menu, select **Calendar**.

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

2. Highlight the date of the new event, then press the **Add** soft key. The **New Event** screen appears in the display.

3. Use the Navigation key and the keypad to select and enter details of the event. (For more information, refer to *"Entering Text"* on page 26.)

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Note: Enter the dates and times for the event using 2 digits for day, month, hour, and minute entries. Use 4 digits for year entries.

Use the Left/Right navigation keys to change between **AM** and **PM**.

Tip: You can also press ₂ABC for **AM** or press ₇PQRS for **PM**.

4. When you're finished entering event details, press `OK` to store the event in your calendar.

Note: If you set a notification **Alert**, an alert (tone/vibration/light only) will notify you prior to the event.

Memo Pad

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

Add a Memo

1. From the **Tools/Utilities** menu, select **Memo Pad**.

   If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, "**No memos**" appears in the display.

2. To add a new memo, press the **Add** soft key. A numbered **Memo** screen appears in the display.

3. Enter a memo using the keypad. (For more information, refer to *"Entering Text"* on page 26.)

4. When you're finished entering details for the memo, press [OK] to save your memo.

View, Edit, and Erase Memos

▶ From the **Tools/Utilities** menu, select **Memo Pad**, then highlight a memo.

- To view the memo, press **VIEW** ([OK]).
- To edit the memo you are viewing, press the **Edit** soft key.
- Edit the memo using the keypad. (For more information, refer to *"Entering Text"* on page 26.)
- To erase the memo you are viewing, press the **Options** soft key, then select **Erase**. You are prompted to verify the erasure.
  – To erase the memo, press the **Yes** soft key.
  – To keep the memo, press the **No** soft key.

Alarm Clock

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

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

1. From the **Tools/Utilities** menu, select **Alarm Clock**. The following options appear in the display:

- **Alarm 1**
- **Alarm 2**
- **Alarm 3**

2. Use the navigation keys to highlight an Alarm selection, then press [OK]. A Set Alarm screen appears in the display containing the following options:

- **Alarm** — Turns the alarm Off or On.
- **Time** — Use the numeric keys to enter the time, and use the Left and Right navigation keys to select AM or PM.
- **Frequency** — Lets you repeat the alarm Daily, Mon. – Fri., Weekends, or Once.
- **Ringer** — Lets you set the alarm ringer to a particular Tone, to Vibrate, or to Light Only.

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

Use the keypad to enter the time for the alarm.

3. When you're finished press `OK`. The alarm is set and the alarm icon (🕰) appears in the top line of the display.

When an Alarm Sounds

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

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

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

Disabling Alarms

Turn Off the Alarm

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

1. From the **Tools/Utilities** menu, select **Alarm Clock**. The following options appear in the display:

- **Alarm 1**

- **Alarm 2**
- **Alarm 3**

2. Select an active Alarm selection. The associated Alarm screen appears in the display with the **Alarm** option highlighted.

3. Use the Left/Right navigation keys to select **Off**, then press `OK`. The selected alarm is turned off.

Reset the Alarm(s)

1. From the **Tools/Utilities** menu, select **Alarm Clock**. The following options appear in the display:

- **Alarm 1**
- **Alarm 2**
- **Alarm 3**

2. Highlight an active alarm.

3. Press the **Options** soft key. The following options pop-up in the display:

- **On** / **Off** — Enables/disables the highlighted Alarm using the current settings.
- **Reset Alarm** — Disables the highlighted Alarm and resets its settings to default values.
- **Reset All** — Disables all Alarms and resets all of their settings to default values.

4. Use the navigation keys to highlight the desired option, then press **OK**.

World Time

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

1. From the **Tools/Utilities** menu, select **World Time**. A world map appears in the display.

2. Use the Left/Right navigation keys to display the time zone and city that you wish to view.

The following time zones/cities are supported:

EST/EDT:	Caracas	Brasilia	Mid Atlantic
Detroit Washington D.C New York Montreal Boston			
Cape Verde	London	Paris	Rome

Berlin	Athens	Helsinki	Jerusalem
Moscow	Baku	Abu Dhabi	Tashkent
New Delhi	Alma-ata	Bangkok	Jakarta
Hong Kong	Beijing	Seoul	Tokyo
Guam	Sydney	Okhotsk	Wellington
Samoa	Midway	**HAST/ HADT:** Honolulu	**AKST/AKDT:** Alaska
PST/PDT: Seattle San Francisco Los Angeles	**MST/MDT:** Denver Arizona	**CST/CDT:** Dallas Chicago Houston Mexico City	

3. Press the **Options** soft key and select to display (**DST On**) or not display (**DST Off**) Daylight Savings Time (DST) for the selected time zone.

4. Do one of the following:

   • To set the selected time zone as the home time zone for your phone, press **OK**.

• To return to the **Tools** menu without setting a new home time zone, press [clr].

Calculator

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

1. From the **Tools/Utilities** menu, select **Calculator**. The **Calculator** appears in the display.

2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

   • Press [*+] to enter a decimal point. (Calculator only accepts 2 digits after a decimal point.)
   • Press [#] to change the sign for a number to a negative.

3. Use the Navigation key to set the type of calculation that you wish to perform. Your choices are as follows:

   • **Up** navigation key — [**x**] Multiplication
   • **Left** navigation key — [**-**] Subtraction
   • **OK** key — [**=**] Equals/Total
   • **Right** navigation key — [**+**] Addition
   • **Down** navigation key — [**÷**] Division

4. Use the keypad to enter the second number into your equation.

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

• **(** — Beginning of nested equation
• **)** — End of nested equation
• **Power** — Raise the entered number to a power

5. Press [OK] to perform the calculation and view the result.

   To perform another calculation, press the **Clear** soft key.

Stop Watch

You can use this menu to set a stop watch.

1. From the **Tools/Utilities** menu, select **Stop Watch**.

2. To start, stop, and resume the stopwatch count, press [OK].

3. At the start of each succeeding event/lap, press the **Record** (⬤) to record the completion time for the previous event/lap.

4. To erase all stop watch (lap) times recorded, press the **Reset** soft key.

Converter

The conversion menu provides the following conversion categories:

• Currency
• Length
• Weight
• Volume
• Area
• Temperature

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

1. From the **Tools/Utilities** menu, select **Converter** and the conversion feature you wish to use.

2. Use the Navigation key to select the units to be converted **From** and **To**.

3. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

Note: To include a decimal point, press ⊛⁺⁺.

Currency — Reviewing/Editing Exchange Rates

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

1. From the **Tools/Utilities** menu, select **Converter → Currency**.

2. Press the **Rate** soft key. The **Exchange Rate** list for the **USD** currency appears in the display.

3. Use the Left/Right navigation keys to display the **Exchange Rate** list for the currency to be converted **From**.

4. Use the Up/Down navigation keys to highlight the currency Exchange Rate to be changed.

5. Press **EDIT** (OK). The **EDIT EXCHANGE RATE** screen appears in the display.

6. Use the keypad to change the exchange rate. (For more information, refer to *"Entering Numbers"* on page 28.)

7. Press OK to save the changed exchange rate.

8. Press CLR to return to the Currency Converter screen.

Currency — Adding Exchange Rates

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

1. From the **Tools/Utilities** menu, select **Converter → Currency**.

2. Press the **Rate** soft key. The **Exchange Rate** list for the **USD** currency appears in the display.

3. Press the **Add** soft key. The **ADD EXCHANGE RATE** screen appears in the display with the **Base** field highlighted.

4. Use the Left/Right navigation keys to select the **Base** currency to be converted from.

5. Press the Down navigation key to highlight the **Currency** field.

6. Enter an identifier of up to 5 characters for the new currency using the keypad. (For more information, refer to *"Entering Text"* on page 26.)

7. Press the Down navigation key to highlight the **Exchange Rate** field.

8. Enter a decimal exchange rate (up to 5 digits) for the new currency using the keypad. (For more information, refer to *"Entering Numbers"* on page 28.)

Note: Press to enter the decimal point.

The **Exchange Rate** field only accepts two digits after the decimal point.

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9. Press **SAVE** (OK) to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. From the **Tools/Utilities** menu, select **Converter → Currency**.

2. Press the **Rate** soft key. The **Exchange Rate** list for the **USD** currency appears in the display.

3. Use the Up/Down navigation keys to highlight the currency exchange rate to be erased.

4. Press the **Erase** soft key. You are prompted to confirm the erasure.

5. To erase the selected exchange rate, press the **Yes** soft key.

To return to the Exchange Rate list without erasing the selected exchange rate, press the **No** soft key.

Tip Calculator

Tip Calculator automatically calculates the following amounts:
• Gratuity (tip)
• Individual payment (for groups)

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

1. From the **Tools/Utilities** menu, select **Tip Calculator**. The **Tip Calculator** screen appears in the display with the **Bill** field highlighted.

2. Use the keypad to enter the total amount of the bill. (For more information, refer to *"Entering Numbers"* on page 28.)

3. If needed, press the Down navigation key to highlight the **Tip** field.

4. Use the keypad to enter a tip percentage. (For more information, refer to *"Entering Numbers"* on page 28.)

5. If needed, press the Down navigation key to highlight the **# Paying** field.

6. Use the keypad to enter the number of persons paying. (For more information, refer to *"Entering Numbers"* on page 28.)

7. Press OK. The amount of the Tip, the bill Total, and the amount Each person should pay appear in the screen.

Section 11: Changing Your Settings

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

Accessing Your Settings

▶ To access your phone's settings from standby mode, do one of the following:

- Press the **Settings** soft key.
- Press **MENU** ➔ **Tools & Settings** ➔ **Settings**.

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

Location

This function identifies your location to the network via the Global Positioning System (GPS). You can set this function for continuous operation or to operate only in the event that you dial 911.

Note: Contact your Wireless Provider to determine whether, when, or where location-based services are available.

1. At the **Settings** menu, select **Location**.

   The following options appear in the display:

   - **Location on** — GPS location setting is on whenever you make or receive a call, wherever the feature is available.

   - **911 Only** — GPS location setting is on only when you dial 911.

2. Use the navigation keys to highlight the option you want.

3. Press **OK** to select the desired Location setting. You're returned to the **Settings** menu.

Display Settings

Using the **Display** menu, you can set the menu style, set the standby mode animation, customize the backlight settings, and more.

1. At the **Settings** menu, select **Display Settings**. The following options appear in the display:

   - **Menu Style** — Lets you choose whether the Main Menu appears as a matrix of icons or as a list of menus.
   - **Wallpaper** — Lets you choose the picture(s) that display(s) on your phone when in standby mode.
   - **Clock Format** — Lets you choose whether to show the time in the display in a large digital or analog format, or to turn it off.
   - **Dialing font size** — Lets you choose how the numbers you dial will appear on the display screen.
   - **Banner** — Lets you create your own personalized greeting that appears in the display when your phone is in standby mode.
   - **Backlight** — Lets you set backlight options for the LCD, keypad, Charging, and set the brightness.

• **Contrast** — Lets you set contrast level for the Display.

2. Use the navigation keys to highlight a sub-menu.

3. Press `OK` to enter the highlighted sub-menu. The following sections describe the above listed display sub-menus in greater detail.

Menu Style

Menu Style allows you to choose how main menus appear in your display.

1. At the **Settings** menu, select **Display Settings ➔ Menu Style**. The following options appear in the display:

• **Icon** — Display main menus as icons.

• **List** — Display main menus in a list format.

2. Highlight the option you want, then press `OK` to select the highlighted option.

Wallpaper

Wallpaper lets you choose the pictures that appear in your phone's display while in standby mode.

1. At the **Settings** menu, select **Display Settings ➔ Wallpaper**. The following options appear in the display:

• **My Images** — Choose a downloaded image to appear in the display when the phone is in standby mode.

• **Preset Images** — Choose a preset image to appear in the display when the phone is in standby mode.

• **Screen Savers** — Main Display only — Lets you assign an animated image to appear in your display when the phone is in standby mode.

2. Select the desired option. Up to four images or animations appear in the display.

3. Highlight an image or animation; then press `OK` to set the highlighted image or animation to display when the phone is in standby mode.

Clock Format

Clock Format lets you choose whether to show the time in the display in digital or analog format.

1. At the **Settings** menu, select **Display Settings ➔ Clock Format**. The following options appear in the display:

• **Digital** — Large numerical time and date display

• **Analog** — 12-hour clock face with moving hour and minute hands

• **Off** — Default small digital time and date display

Highlight the desired setting, then press `OK` to save the setting.

Dialing Font Size

Dialing Font Size lets you select the size of displayed dialed numbers.

1. At the **Settings** menu, select **Display Settings ➔ Dialing font size**.

    The following options appear in the display:

    • **Normal**
    • **Large**

2. Highlight the desired font size, then press **OK** to save the setting.

Banner

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

1. At the **Settings** menu, select **Display Settings ➔ Banner**. The **Banner** text entry screen appears in the display.

Note: If necessary, press and hold ◼◼ to erase an existing banner.

2. Enter a word or short phrase (up to 12 characters) to appear in your phone's display while in standby mode. (For more information, refer to *"Entering Text"* on page 26.)

3. Press **OK** to save the new banner.

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Backlight

You can set the backlight for your display or keypad to remain on or off or to remain on for a specified period of time.

Note: Prolonged backlight use drains your battery faster.

1. At the **Settings** menu, select **Display Settings ➔ Backlight**. The following sub-menus appear in the display:

    • **Main Display** — Sets the amount of time the main display backlight remains on with the phone idle. Optional settings are **7**, **15**, and **30** Seconds and **Always On** (this setting uses much more power than the timed settings) and **Always Off**.
    • **Keypad** — Sets the amount of time the main display backlight remains on with the phone idle. Optional settings are **7**, **15**, and **30** Seconds and **Always On** (this setting uses much more power than the timed settings) and **Always Off**.
    • **Brightness** — Use the Navigation key to select between any of 5 optional settings.
    • **Charging** — When set to **On**, the backlight stays on while your phone is on and you are charging the battery.

2. Highlight an option.

3. Press **OK** to enter the highlighted option's sub-menu and to save changed settings as desired.

Contrast

Set the Front (Sub) LCD contrast to your preference.

1. At the **Settings** menu, select **Display Settings** ➔ **Contrast**. The **CONTRAST** screen appears in the display.

2. Use the Navigation key to adjust the contrast for the Front Display. The results of your adjustments appear in the display.

3. Press **OK** to save your new contrast setting.

Sound Settings

The sound menu provides a variety of options to customize audio properties for such things as ringers, keypad tones alerts, and more.

Volume

Use the Volume sub-menu to set the default volume for incoming calls and alarms, or set the phone to vibrate.

1. At the **Settings** menu, select **Sound Settings** ➔ **Volume**. The following options appear in the display:

   • **Voice Calls** — Lets you set the volume and/or vibration for the incoming calls ringer.

   • **Messages** — Lets you set the volume and/or vibration for the incoming messages ringer.

   • **Alarms** — Lets you set the volume and/or vibration for the alarm ringer.

2. Select a Volume option.

3. Use the Volume key (on the left side of the phone) or the Navigation key to select a volume level (or vibrate mode) for the selected Volume option.

4. Press **OK** to save the setting.

Ringer Type

You can assign ringer types and melody tones for calls, alarms, and other alerts, in the Ringer Type sub-menu.

1. At the **Settings** menu, select **Sound Settings** ➔ **Ringer Type**. The following options appear in the display:

   • **Voice Calls** — Lets you set which ringtone or sound file plays when you receive a voice call.

   • **Messages** — Lets you set which ringtone or sound file plays when you receive a Text Message, Picture Message, and/or Voicemail message.

   When you select **Messages**, the following options appear in the display:

   – **Text Message**

   – **Voicemail**

   – **Msg Reminder**

2. Select the desired sub-menu.

The following options appear in the display:

- **My Ringtones**
- **My Sounds**

3. Select the desired option and highlight a Ringer, then press
   OK to save the changed Ringer setting.

Alerts

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

1. At the **Settings** menu, select **Sound Settings ➔ Alerts**.
   The following Alerts sub-menus appear in the display:

   - **Minute Beep** — Sounds an alert ten seconds before each
     elapsed minute of a call.
   - **Roaming** — Sounds an alert when you leave your home service
     area.
   - **Call Connect** — When you make a call, an alert sounds when the
     call is answered.
   - **Power On/Off** — Plays a melody when you turn the phone on or
     off.
   - **Charge Alert** — Plays a melody when you connect the Travel
     Adapter and when the battery is fully recharged.

2. Select the desired alert, then Highlight **On** or **Off**.

3. Press OK to save your selection.

Key Tone

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

1. At the **Settings** menu, select **Sound Settings ➔ Key
   Tone**. The following options appear in the display:

   - **Tone Level** (volume)
   - **Tone Length**

   Tone Level is highlighted.

2. Press OK to adjust the Key Tone volume.

   - Use the Volume key or Navigation key to set the keypad tones
     volume.
   - Press **SET** (OK) when the desired key tone volume setting is
     reached. You are returned to the **Key Tone** sub-menu.

3. Select **Tone Length**, then Highlight **Short** or **Long**.

4. Press OK to save your setting. You are returned to the
   Key Tone sub-menu.

Call Settings

You can use Call Settings to select how your phone handles calls,
both voice and data calls.

Call Answer

You can select a specific answer mode when you receive an
incoming call.

1. At the **Settings** menu, select **Call Settings → Call Answer**. The following Call Answer options appear in the display:

   • **Any Key** — Press any key except ![end key], the soft keys (![soft keys]), or the Volume key to answer an incoming call.
   • **Send Key** — Press ![send key] to answer an incoming call.

Tip: You can set your phone to answer calls automatically, without any input from you. (For more information, refer to *"Auto Answer"* on page 64.)

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2. Highlight the method you wish to use for answering calls, then press ![OK].

Auto Answer

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

1. At the **Settings** menu, select **Call Settings → Auto Answer**.

   The following options appear in the display:

   • **Off** — Disables automatic answering of calls
   • **After 1 Second** — Phone automatically answers calls after 1 second
   • **After 3 Seconds** — Phone automatically answers calls after 3 seconds

   • **After 5 Seconds** — Phone automatically answers calls after 5 seconds

2. Highlight the desired setting, then press ![OK].

Auto Retry

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

1. At the **Settings** menu, select **Call Settings → Auto Retry**.

   The **Auto Retry** sub-menu with the following options appears in the display:

   • **Off** — Disables automatic redialing of numbers
   • **Every 10 Seconds** — Phone automatically redials a number every 10 seconds
   • **Every 30 Seconds** — Phone automatically redials a number every 30 seconds
   • **Every 60 Seconds** — Phone automatically redials a number every 60 seconds

2. Highlight the desired setting, then press ![OK].

TTY Mode

Your phone is fully TTY compatible. TTY equipment is connected to your phone through the headset connector on the left side of the phone. TTY must be enabled before you can use your phone with a TTY device.

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

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

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2. To access the TTY Mode options, press the **Yes** soft key.

   To return to the **Call Settings** sub-menu, press the **No** soft key.

3. When you press the **Yes** soft key, the following options appear in the display:

   • **TTY Full** — Enables TTY mode and disables microphone and earpiece
   • **TTY + Talk** — Enables TTY mode and microphone
   • **TTY + Hear** — Enables TTY mode and earpiece
   • **TTY Off** — Disables TTY mode

4. Highlight your selection, then press **OK** to save your selection and return to the **Call Settings** sub-menu.

Note: The TTY icon ( ) appears in the top of the display.

Voice Privacy

Voice Privacy when enabled (that is, set to **Enhanced**), turns on advanced voice encryption.

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

   • **Standard** — Voice privacy is disabled
   • **Enhanced** — Voice privacy is enabled

2. Highlight the Voice Privacy setting of your choice, then press **OK** to save your setting.

Phone Settings

Airplane Mode

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

1. At the **Settings** menu, select **Phone Settings → Airplane Mode**.The following options appear in the display:

   • **On** — Disables the radio transmitter and receiver in your phone.
   • **Off** — Enables the radio transmitter and receiver in your phone.

2. Select the desired option.

- When you select **On**, the "**Will disable all incoming and outgoing call?**" prompt appears in the display.
- When you select **Off**, the "**Will enable all incoming and outgoing call?**" prompt appears in the display.

3. Press the **Yes** soft key to apply your selection, display/ remove the Airplane Mode icon ( ), and return to standby mode.

   Press the **No** soft key to make another selection.

Language

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

1. At the **Settings** menu, select **Phone Settings → Language**. The following options appear in the display:
   - **English**
   - **Español**
2. Highlight your language preference, then press OK to implement your preferred language.

Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, as well as other security options.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. At the **Settings** menu, select **Phone Settings → Security**. You're prompted to enter the lock code.

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

2. Enter the lock code, then select **Lock Phone**.

   The following Device Lock Mode options appear in the display:
   - **Lock** — Locks the phone immediately (The phone stays locked until you enter the lock code.)
   - **Unlock** — Unlocks the phone.
   - **On Power Up** — The phone locks automatically the next time your phone is powered ON. (The phone stays locked until you enter the lock code.)
3. Highlight the desired Device Lock Mode, then press OK to invoke your setting.

Change Lock

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

1. At the **Settings** menu, select **Phone Settings ➔ Security**. You're prompted to enter the lock code.

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

2. Enter the lock code, then select **Change Lock**. You're prompted to enter the New Lock Code.

3. Enter the New Lock Code. You're prompted to re-enter the New Lock Code for verification.

4. Enter the New Lock Code again. Your changes are stored.

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

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time, even

when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.

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

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

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

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

Store Emergency Numbers

1. At the **Settings** menu, select **Phone Settings ➔ Security**. You're prompted to enter the lock code.

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

2. Enter the lock code, then select **Emergency #**.

3. Select one of the three emergency number entries.

4. Enter an emergency number (up to 32 digits in length).

5. Press [OK] to save the number you entered.

Call Emergency Numbers in Lock Mode

1. In standby mode with the phone locked, enter the emergency number.

2. Press [SEND] to place the call.

Resetting Your Phone

Reset Phone returns all Settings options to their factory default.

1. At the **Settings** menu, select **Phone Settings ➔ Security**. You're prompted to enter the lock code.

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

2. Enter the lock code, then select **Reset Phone**. You are prompted to confirm that you wish to reset your phone's Settings to default values (except for your Contacts list and Voice Dial).

3. To reset your Settings to default values, press the **Yes** soft key.

To keep your current Settings and return to the **Security** sub-menu, press the **No** soft key.

Erase All Entries

Erase All Entries erases your Contacts list entries and My Images photos. This feature is useful if you want to give your phone to someone else.

1. At the **Settings** menu, select **Phone Settings ➔ Security**. You're prompted to enter the lock code.

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

2. Enter the lock code, then select **Erase All Entries**. You are prompted to enter the lock code a second time.

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

3. You are prompted to confirm erasure of all entries.

4. Press the **Yes** soft key to erase all entries or press the **No** soft key to return to the **Security** sub-menu.

Restriction

Restriction lets you restrict the use of your phone for outgoing calls, incoming calls, and access to your Contacts.

1. At the **Settings** menu, select **Phone Settings ➔ Security**.

You're prompted to enter the lock code.

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

2. Enter the lock code, then select **Restriction**. The following options appear in the display:

   • **Outgoing** — Blocks/allows all outgoing calls.
   • **Incoming** — Blocks/allows all incoming calls.
   • **Contacts** — Blocks/allows all access to Contacts list entries.

3. Select the desired Restriction. The following options appear in the display:

   • **On** — Enable the selected Restriction.
   • **Off** — Disable the selected Restriction.

4. Highlight **On** or **Off**, then press OK to save and implement your new setting.

System Select

The **System Select** menu allows you to select the roaming setting for your phone.

1. At the **Settings** menu, select **Phone Settings ➔ System Select**. The following roaming options appear in the display:

   • **Home only** — Your phone is available for normal operation only within your designated coverage area.

   • **Automatic** — Your Wireless Provider's Preferred Roaming List (PRL) of networks is used to acquire service. If no preferred networks are found, any digital system is acquired.

2. Select the desired roaming option. You setting is saved, and you are returned to the **Phone Settings** menu.

Set Time

Use the **Set Time** option to set the current date and time while in an analog network.

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

1. At the **Settings** menu, select **Phone Settings ➔ Set Time**.

   The following options appear in the display:

   • **Set Date**
   • **Set Time**

2. Select the desired option.

   • For **Set Date**, the **Set Date** screen appears in the display.
     – Enter the current date in mm/dd/yyyy format using your keypad. The month and day entries require two digits each. The year must be entered using all four digits.
     – Press OK to save your Date setting.
   • For **Set Time**, the **Set Time** screen appears in the display.

– Enter the current time using your keypad.
  The hour and minute must be entered using two digits each and in 12/
  24-hour format.
– Use the Up/Down navigation keys to highlight the time-of-day setting
  (am/pm) field.
– Use the Left/Right navigation keys to select **am**, **pm**, or **24 Hours**. [You
  can also press 2ABC (for **am**) or 7PQRS (for **pm**).]
– Press OK to save the your Time setting.

Quick Search

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

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

2. Highlight the desired Quick Search option, then press OK
   to save your setting.

Searching for a Menu Item

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

   For example, to search for "Inbox" you would enter:

4 GHI	6 MNO	2 ABC	6 MNO	9 WXYZ
I	N	B	O	X

2. Press the Down navigation key. The **Menu List** screen
   appears in the display showing a list of menu items that
   match your entry.

3. Select the desired menu item to access the content of the
   menu item.

Tip: If the menu item you are searching for does not appear in the **Menu List**
screen, try expanding your search by pressing CLR to delete the last
digit of your entry.

Searching for a Contact

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

   For example, to search for "Sally" you would enter:

7 PQRS	2 ABC	5 JKL	5 JKL	9 WXYZ
S	A	L	L	Y

2. Press the Up navigation key. The **Find** screen appears in the display showing a list of Contact names that match your entry.

3. Highlight the desired Contact, then press ![send] to call the highlighted Contact.

Memory Info

Memory Info lets you quickly and easily review your phone memory usage. To access **Memory Info**, do the following:

1. At the **Settings** menu, select **Memory Info**. The **Memory Info** screen appears in the display showing the following information:

- **Total Used** memory usage
- **Available** unused memory
- **My Images** memory usage
- **My Ringtones** memory usage
- **My Sounds** memory usage
- **Applications** memory usage

2. Press ![OK] to return to the **Settings** menu.

Phone Info

Phone Info options let you identify important information about your phone, such as the hardware and software versions of your phone, the meanings of your phones status icons, and the phone number assigned to your phone.

Phone Number

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

1. At the **Settings** menu, select **Phone Info ➔ Phone Number**. The phone number assigned by your Wireless Provider appears in the display.

2. Press ![OK] to return to the **Phone Info** menu.

Icon Glossary

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

1. At the **Settings** menu, select **Phone Info ➔ Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.

2. Press ![OK] to return to the **Phone Info** menu.

Version

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

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

   Your phone's hardware and software version information appears in the display.

2. Press `OK` to return to the **Phone Info** menu.

ESN / MEID

You can view the ESN (Electronic Serial Number)/MEID (Mobile Equipment Identifier) values for your phone in both Decimal and Hex values from this menu.

1. At the **Settings** menu, select **Phone Info → ESN/MEID**.

   The ESN/MEID information displays in Dec and Hex.

2. Press `OK` to return to the **Phone Info** menu.

Warranty Date Code

1. At the **Settings** menu, select **Phone Info → Warranty Date Code**. The Warranty Date Code displays.

2. Press `OK` to return to the **Phone Info** menu.

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

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

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

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

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

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of

absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

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

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

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

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that

contains no metal and that positions the handset a minimum of 1.5 cm from the body.

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

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

• **Head:** 1.26 W/Kg.

• **Body-worn**: 0.964 W/Kg.

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

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

Samsung Mobile Products and Recycling

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

Go to: https://fun.samsungmobileusa.com/recycling/index.jsp 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

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

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

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested

wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

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

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/9/2008):

• FCC RF Safety Program:
http://www.fcc.gov/oet/rfsafety/
• Environmental Protection Agency (EPA):
http://www.epa.gov/radiation/
• Occupational Safety and Health Administration's (OSHA):
http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
• National Institute for Occupational Safety and Health (NIOSH):
http://www.cdc.gov/niosh/homepage.html
• World Health Organization (WHO):
http://www.who.int/peh-emf/

• International Commission on Non-Ionizing Radiation Protection:
http://www.icnirp.de
• Health Protection Agency:
http://www.hpa.org.uk/radiation
• US Food and Drug Administration:
http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.

2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.

4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

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

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

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

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

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

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

You should follow some commonsense recommendations when using any portable audio device:
• Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
• When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
• Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
• Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.

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

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

American Academy of Audiology
11730 Plaza American Drive, Suite 300
Reston, VA 20190
Voice: (800) 222-2336
Email: info@audiology.org
Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders
National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320
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.
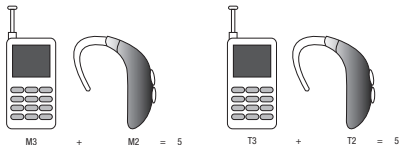
In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless 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. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone

networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.

2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.

3. Press the ⬛SEND key.

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

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

Restricting Children's access to your Phone

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

FCC Notice and Cautions

FCC Notice

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

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

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

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

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

Other Important Safety Information

• Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

• Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

• Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

• For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

• Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.

• Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

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

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

Understanding the Power Save Feature

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

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

Understanding How Your Phone Operates

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

Maintaining Your Phone's Peak Performance

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

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

• To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to the *"Disabling Bluetooth or WLAN"* section.

• If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.

• Do not hold, bend or twist the phone's antenna, if applicable.

• Do not use the phone if the antenna is damaged.

• If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.

• Speak directly into the phone's receiver.

• Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all

features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

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

Battery Precautions

• Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.

• Never use any charger or battery that is damaged in any way.

• Do not modify or remanufacture the battery as this could result in serious safety hazards.

• If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.

• Follow battery usage, storage and charging guidelines found in the user's guide.

• Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

• If left unused, a fully charged battery will discharge itself over time.

• Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

• Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

• Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.

• Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

• Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and

lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.

- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.

- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

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

Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children.

- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.

- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.

- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.

- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.

- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 13: 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, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number

removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service

facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?
EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

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• DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
• THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
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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.

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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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