SAMSUNG

User Guide

SPH-m320

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Table of Contents

Introduction

This *User Guide* introduces you to wireless service and all the features of your new phone. It's divided into four sections:

♦ *Section 1: Getting Started*
♦ *Section 2: Your Phone*
♦ *Section 3: Wireless Service*
♦ *Section 4: Safety and Warranty Information*

Throughout this guide, you'll find tips that highlight special shortcuts and timely reminders to help you make the most of your new phone and service. The Table of Contents and Index will also help you quickly locate specific information.

You'll get the most out of your phone if you read each section. However, if you'd like to get right to a specific feature, simply locate that section in the Table of Contents and go directly to that page. Follow the instructions in that section, and you'll be ready to use your phone in no time.

| WARNING | Please refer to the **Important Safety Information** section on page 114 to learn about information that will help you safely use your phone. Failure to read and follow the Important Safety Information in this phone guide may result in serious bodily injury, death, or property damage. |

Your Phone's Menu

The following table outlines your phone's menu structure. For more information about using your phone's menus, see "Navigating Through the Menus" on page 17.

Voice Kit	
1: Voice Service	
2: Voice Memo	
1: Record	2: Review
Messaging	
1: Send Message	
1: Text Message	2: Picture Messaging
2: Text Message	
3: Picture Messaging	
1: Inbox	2: Send Picture
4: Voicemail	
1: Call Voicemail	2: Clear Envelope

5: Settings	
1: Notification	
1: Message & Icon	2: Icon only
2: Sending Options	
1: Priority	2: Call Back #
3: Preset Messages	
1: Can't talk right now. Send me a message 2: Call me 3: Where are you? 4: Can you pick up 5: Meet me at 6: Let's get lunch. 7: The meeting has been cancelled. 8: I'll be there at 9: What time does it start? 10: I love you! 11 – 20: [Empty]	
4: Edit Signature	
1: On	2: Off
5: Message Alerts	
1: Alert Volume 2: Alert Type 3: Reminder	
6: Save In Outbox	
1: Yes	2: No
7: Auto Erase	
1: Yes	2: No

Tools
1: Bluetooth
2: Today
3: Activate/Self-Service
4: Scheduler
5: Task List
6: Countdown
7: Memo Pad
8: World Time
1: DST Setting
9: Update Phone
1: Update Firmware   2: Update PRL
0: Alarm Clock
1: Alarm #1   2: Alarm #2 3: Alarm #3
*: Calculator

Pictures
1: Camera *Press the right softkey to view the following options:*
1: Self Timer
1: Off   2: 5 Sec 3: 10 Sec
2: Fun Tools
1: Fun Frames   2: Color Tones
3: Controls
1: Brightness   2: White Balance 3: Night Shot
4: Settings
1: Resolution   2: Quality 3: Shutter Sound   4: View Mode
5: Review Pictures
2: My Pictures
1: In Camera   2: Saved to Phone
3: Online Albums
1: View Albums   2: Upload Picture

3: Alerts	
1: Beep each minute	2: Out of Service
3: Connect	4: Signal Fade/Call Drop
5: Power On/Off	

4: Keytones	
1: Tone Type	2: Tone Length
3: Tone Volume	

3: Bluetooth

1: On/Off

2: Visibility

3: Device Name

4: Device Info

5: Trusted Devices

4: Messaging

1: Notification	
1: Message & Icon	2: Icon only

2: Message Reminder	
1: Off	2: Once
3: Every 2 min	

3: Callback Number	
1: None	2: XXXXXXXXXX
3: Other	

4: Auto-Delete	
1: Yes	2: No

5: Signature	
1: On	2: Off

6: Pre-set Message	
1: Can't talk right now. Send me a message	
2: Call me	3: Where are you?
4: Can you pick up	5: Meet me at
6: Let's get lunch.	
7: The meeting has been cancelled.	
8: I'll be there at	9: What time does it start?
10: I love you!	11 – 20: [Empty]

7: Draft Alert	
1: On	2: Off

8: Priority	
1: Normal	2: Urgent

9: Save in Outbox	
1: Yes	2: No

8: Restrict and Lock	
1: Voice	2: Data
3: Camera/Pictures	4: Lock my Phone

9: Roaming	
1: Set Mode	2: Call Guard

0: Security	
1: Change Lock Code	2: Special Numbers
3: Erase/Reset	

*: Navigation Keys	
1: Up Navigation	2: Down Navigation
3: Left Navigation	4: Right Navigation

My Content

1: Games

1: Get New Games	2: My Content Manager Games
3: Burnout Demo	4: Galaga DEMO by Namco
5. JEOPARDY! Deluxe	

2: Ringers

1: Get New Ringers	2: My Content Manager Ringers

3: Screen Savers

1: Get New Screen Savers	
2: My Content Manager Screen Savers	

4: Applications	
1: Get New Applications	
2: My Content Manager Applications	

Contacts

In Use Menu

Press **Options** *(right softkey) to display the following options:*

1: Key Mute/Unmute	2: Turn Speaker On/Off
3: Set/Cancel Whisper	4: Call History
5: Contacts	6: 3-Way Call
7: Messaging	8: Voice Memo
9: Tools	0: Phone Info

Setting Up Service

Setting up service on your new phone is quick and easy. This section walks you through the necessary steps to unlock your phone, set up your voicemail, and contact your service provider for assistance with your wireless service.

Setting Up Your Phone

1. Install the battery. (See "Installing the Battery" on page 15.)

   ▪ Press the cover release and remove the battery cover from the back of the phone.

   ▪ Insert the battery into the opening, making sure the connectors align. Gently press down to secure the battery.

   ▪ Replace the battery cover and slide it forward until you hear a click.

2. Press END to turn the phone on.

   ▪ If your phone is activated, it will turn on, search for service, and enter standby mode.

   ▪ If your phone is not yet activated, see "Activating Your Phone" on page 3 for more information.

3. Make your first call.

   ▪ Use your keypad to enter a phone number.

   ▪ Press TALK.

| Note | Your phone's battery should have enough charge for your phone to turn on and find a signal, set up your voicemail, and make a call. You should fully charge your battery as soon as possible. See "Charging the Battery" on page 16 for details. |

Activating Your Phone

● *If you purchased your phone at a store*, your phone should be activated and ready to use.

● *If you received your phone in the mail*, your phone must first be activated via the Tools menu prior to its initial use. Once the process has been completed, confirm your activation by making a phone call. For detailed setup procedures, see "Activation via the Tools Menu" on page 3.

| Tip | Do not press [END] while the phone is being activated. Pressing [END] cancels the activation process. |

| Note | If you are having difficulty with activation, contact your service provider. |

Activation via the Tools Menu

Once you have installed the battery (page 15), you can turn on your phone by pressing [END] and begin the self-activation process.

This procedure will take you through the necessary steps before initiating your first phone call or using any of the phone's data features.

1. Press *Menu > Tools > Activate > Yes* (left softkey). Your phone will begin to access the Telespree™ self-service activation system.

2. Press the navigation key down to highlight *Start* and then press [MENU/OK].

   – or –

   Press *Options* (right softkey) > *Start*.

3. Use the keypad to enter your zip code and press *Done* (left softkey). This is the zip code that was used during the account setup process.

4. Re-enter the same zip code and press *Done* (left softkey).

5. Press the navigation key down to highlight *Next* and then press *Go* (left softkey) or press 🔘.

   – or –

   Press *Options* (right softkey) > *Next* and press 🔘.

6. From the list of available area code prefixes, highlight your desired code and press *Go* (left softkey) or press 🔘.

7. Confirm your selected area code is correct, highlight *Yes* and press *Go* (left softkey) or press 🔘. The system will confirm your selection against your available phone and account information, and then provide you with a confirmation screen.

8. Review the information from the confirmation screen.

   ▪ Write down the new number assigned to this phone.

   ▪ Note the account passcode. You will need this code to remotely access your account information.

   ▪ If you did not receive a confirmation screen, repeat 1 - 7 or call your service provider for assistance.

9. Press the navigation key down to highlight *Finish* and press 🔘.

Note	*No calls can be made until the phone is restarted after setup.*
	Once your service has been activated, a new **Self-Service** *option is then available from within the* **Menu** > **Tools** *menu.*

Note	*Navigating to* **Menu** > **Settings** > **Phone Information** > **Phone Number** *reveals your Phone Number, MSID#, and Data Username.*

Setting Up Your Voicemail

All unanswered calls to your phone are automatically transferred to your voicemail, even if your phone is in use or turned off. Therefore, it is recommended that you set up your voicemail and personal greeting as soon as your phone is activated.

1. From standby mode, press and hold 1️⃣.

2. Follow the system prompts to:
   - Create your passcode.
   - Record your name announcement.
   - Record your greeting.
   - Choose whether to activate One-Touch Message Access (a feature that lets you access messages simply by pressing and holding `1`, bypassing the need for you to enter your passcode).

Note	Voicemail Passcode
	If you are concerned about unauthorized access to your voicemail account, it is recommended that you enable your voicemail passcode. (Do not activate One-Touch Message Access.)

For more information about using your voicemail, see "Voicemail" on page 94.

Getting Help

Directory Assistance

Call Directory Assistance from your phone and you'll have access to a variety of services and information including residential, business, and government listings. There is a per-call charge to use Directory Assistance, and you will be billed for airtime.

▶ Press `4` `1` `1` `TALK`.

Operator Services

Operator Services provides assistance when you place collect calls or when you place calls billed to a local telephone calling card or third party.

▶ Press `0` `TALK`.

For more information, please contact your wireless service provider.

Phone Basics

♦ *Your Phone (page 8)*

♦ *Viewing the Display Screen (page 10)*

♦ *Features of Your Phone (page 13)*

♦ *Turning Your Phone On and Off (page 13)*

♦ *Your Phone's Battery and Charger (page 14)*

♦ *Navigating Through the Menus (page 17)*

♦ *Displaying Your Phone Number (page 18)*

♦ *Making and Answering Calls (page 18)*

♦ *Entering Text (page 27)*

Your phone is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. This section will guide you through the basic functions and calling features of your phone.

Your Phone

1. Earpiece
2. Signal Strength Indicator
3. Main LCD (display)
4. Navigation Key
5. Softkey (left)
6. MENU/OK
7. TALK Key
8. BACK Key
9. Keypad
10. Microphone
13. Battery Strength Indicator
12. Softkey (right)
11. END/POWER Key

14. Camera Lens
15. Volume Button
16. Sub LCD
17. Charger/Accessories Jack
18. Headset Jack
19. Side Camera Button

Key Functions

1. *Earpiece* lets you hear the caller and automated prompts.

2. *Signal Strength Indicator* represents the signal strength by displaying bars. The more bars displayed, the better the signal strength.

3. *Main LCD (display)* displays all the information needed to operate your phone, such as the call status, the Contacts list, the date and time, and the signal and battery strength.

4. *Navigation Key* scrolls through the phone's menu options and acts as a shortcut key from standby mode.
   - Press *Up* to access *Missed Alerts*.
   - Press *Down* to access *My Content*.
   - Press *Right* to launch *Voice Memo*.
   - Press *Left* to launch *Web*.

5. *Softkey (left)* lets you select softkey actions or menu items corresponding to the bottom left line on the Main LCD.

6. *MENU/OK* lets you access the phone's menus and selects the highlighted choice when navigating through a menu.

7. *TALK Key* allows you to place or receive calls, answer Call Waiting, use Three-Way Calling, or activate Voice Dial.

8. *BACK Key* deletes characters from the display in text entry mode. When in a menu, pressing the Back key returns you to the previous menu. This key also allows you to return to the previous screen in a data session.

9. *Keypad* lets you enter numbers, letters, and characters, and navigate within menus. Press and hold keys 0–9 for speed dialing.

10. *Microphone* allows other callers to hear you clearly when you are speaking to them.

11. *END/POWER Key* lets you turn the phone on or off, end a call, or return to standby mode. While in the main menu, it returns the phone to standby mode and cancels your input. When you receive an incoming call, press to enter silent mode and mute the ringer.

12. *Softkey (right)* lets you select softkey actions or menu items corresponding to the bottom right line on the Main LCD.

13. *Battery Strength Indicator* represents the amount of remaining battery charge currently available in your phone. When all bars are displayed in the battery icon, the phone's battery is fully charged. When no bars are displayed, the phone's battery is completely discharged or empty.

14. *Camera Lens*, as part of the built-in camera, lets you take pictures and videos.

15. *Volume Button* allows you to adjust the ringer volume in standby mode (with the phone open) or adjust the voice volume during a call. The volume key can also be used to scroll up or down to navigate through the different menu options.

16. *Sub LCD* lets you monitor the phone's status and see who's calling without opening the phone.

17. *Charger/Accessories Jack* allows you to connect a USB cable. *CAUTION!* Inserting an accessory into the incorrect jack may damage the phone.

18. *Headset Jack* allows you to plug in either a headset (not included) or an optional headset for convenient, hands-free conversations. *CAUTION!* Inserting an accessory into the incorrect jack may damage the phone.

19. *Side Camera Button* lets you activate the camera and video mode and take pictures and videos.

Viewing the Display Screen

Your phone's display screen provides information about your phone's status and options. This list identifies the symbols you'll see on your phone's display screen:

| Tip | To view a list of your phone's icons and descriptions, from the main menu select **Settings** > **Phone Information** > **Icon Glossary**. |

indicates data services status. (The icon is animated while service is active.)

indicates your data connection is active (data is being transmitted).

indicates your data connection is active (data is being received).

indicates data connection is dormant (no data is being sent or received).

indicates your phone's location feature is on.

indicates your phone's location feature is off.

indicates your phone is using SSL (Secure Sockets Layer) protocol for client/server communication.

indicates you are "roaming" off the home network.

indicates you have new text message.

indicates there is an unread text message in your Inbox.

indicates there is a read text message in your Inbox.

indicates you have an urgent unread text message.

indicates your message is locked.

indicates the ringer volume is set to vibrate.

indicates your phone is operating in TTY mode.

indicates your phone has a ringer volume set and the vibrate option is checked.

indicates the ringer is set at a level between 1 - 8 or that 1-Beep is selected.

indicates your phone's ringer is turned off and the vibrate option is enabled.

indicates your ringer is turned off and the vibrate option is not enabled (Silence Mode).

indicates the onboard microphone is muted.

indicates that an alarm is set on your phone.

tells you a call is in progress.

means your phone cannot find a signal.

shows your current signal strength. (The more lines you have, the stronger your signal.)

indicates battery charge level (icon shown is full).

indicates battery charge level (icon shown is completely discharged).

indicates that the self-timer function is enabled. With the self-timer enabled, a set amount of time is required prior to taking a picture.

indicates that the brightness has been set manually.

| | indicates that the white balance setting automatically adjusts for the conditions. | | indicates that a picture has been assigned a function. An example may be Picture ID, Screen Saver, or Incoming Call. |

indicates that the white balance setting automatically adjusts for the conditions.

indicates that the white balance has been set to Sunny. This is used for taking pictures or movies outdoors on bright sunny days.

indicates that the white balance has been set to Cloudy. This is used for taking pictures or movies outdoors under cloudy conditions.

indicates that the white balance has been set to Tungsten. This is used for taking pictures or movies indoors under normal lighting conditions.

indicates that the white balance has been set to Fluorescent. This is used for taking pictures or movies indoors under fluorescent lighting conditions.

indicates that the white balance has been set to Manual. This is used for taking pictures indoors or outdoors using your own custom settings.

indicates that a picture has been assigned a function. An example may be Picture ID, Screen Saver, or Incoming Call.

indicates that a picture has been saved to your phone.

indicates that a picture has been uploaded to an online album or folder.

indicates that a picture has been downloaded from an online album or folder.

indicates that Bluetooth technology is hidden.

indicates that Bluetooth technology is enabled and visible.

indicates that a Bluetooth device is connected.

Features of Your Phone

The m320 by Samsung is lightweight, easy to use, and reliable, and it offers many features and service options. This list previews some of those features and provides page numbers where you can find out more:

- Dual band capability allows you to make and receive calls while on the home network and to roam on 1900 and 800 MHz digital networks where roaming agreements have been implemented (page 50).

- Data services provides access to the wireless Internet in digital mode (page 102).

- IM (page 106) and text messaging (page 97) provide quick and convenient messaging capabilities.

- Games, ringers, screen savers, and other applications can be downloaded to make your phone as unique as you are (page 107). Additional charges may apply.

- The Contacts list can store a total of 500 phone numbers, with each contacts entry containing a maximum of five phone numbers (page 57).

- The built-in Scheduler offers several personal information management features to help you manage your busy lifestyle (page 63).

- The Location feature works in connection with available location-based services (page 39).

- Your phone's external LCD display allows you to monitor the phone's status and to see who's calling without opening the phone.

- T9 Text Input lets you quickly type messages with one keypress per letter (see page 28).

- Speed dial lets you dial phone numbers with one or two keypresses (see page 26).

Turning Your Phone On and Off

Turning Your Phone On

▶ Press ![END] .

Once your phone is on, it may display "Searching for Service." When your phone finds a signal, it automatically enters standby mode – the phone's idle state. At this point, you are ready to begin making and receiving calls.

In Power Save mode, your phone searches for a signal periodically without your intervention. You can also initiate a search for service by pressing any key (when your phone is turned on).

Tip	*The Power Save feature conserves your battery power when you are in an area where there is no signal.*

Turning Your Phone Off

▶ Press and hold for two seconds until you see the powering down animation on the display screen.

Your screen remains blank while your phone is off (unless the battery is charging).

Your Phone's Battery and Charger

WARNING	*Use only Samsung-approved batteries and chargers with your phone. The failure to use an approved battery and charger may increase the risk that your phone will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property damage.*

Battery Capacity

Your phone is equipped with a Lithium Ion (Li-Ion) battery. It allows you to recharge your battery before it is fully drained. The battery provides up to 3.5 hours of continuous digital talk time.

When the battery reaches 5% of its capacity, the battery icon blinks. When there are approximately two minutes of talk time left, the phone sounds an audible alert and then turns off.

Note	*Long backlight settings, searching for service, vibrate mode, browser use, and other variables may reduce the battery's talk and standby times.*

Tip	*Watch your phone's battery level indicator and charge the battery before it runs out of power.*

Installing the Battery

1. Remove the battery cover (located on the back of the phone) by pressing down on the raised ridge while sliding the cover in the direction of the arrow (1).
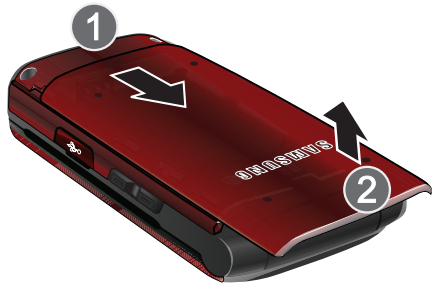
2. Carefully lift the battery cover away from the phone (2).

3. Slide the battery into the compartment so that the tabs on the end align with the slots at the bottom of the phone, making sure to line up the gold contacts (3).

4. Gently press down on the battery until it snaps into place (4).

5. Replace the cover by lining up the tabs and sliding the cover up until it snaps into place. Check that the battery is properly installed before turning on the phone.

Removing the Battery

1. Follow steps 1 and 2 from "Installing the Battery" on page 15.

2. Grip the battery at the top end (1) and pull it up and out (2).

WARNING	Do not handle a damaged or leaking Li-Ion battery as you can be burned.

Charging the Battery

Your phone's Li-Ion battery is rechargeable and should be charged as soon as possible so you can begin using your phone.

Tip	It is recommended that you completely charge your battery first before using your phone. This guarantees you begin using your phone with a fully charged battery.

Keeping track of your battery's charge is important. If your battery level becomes too low, your phone automatically turns off, and you will lose any information you were just working on. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your phone's display screen. If the battery charge is getting too low, the battery icon (▯▭▭) blinks and the phone sounds a warning tone.

Always use an approved desktop charger, travel charger, or vehicle power adapter to charge your battery.

Using the Phone Charger

▶ Plug the flat end of the charger into the phone's charger jack and the other end into an electrical outlet.

- A *red indicator light* means the battery is charging.
- A *charging icon* located in the top right corner of the outside LCD lets you know the battery is charging.
- A *green indicator* light means the battery is fully charged.

With the approved Li-Ion battery, you can recharge the battery before it becomes completely run down.

> *Note* It takes about three hours to fully recharge a completely rundown (discharged) battery.

Navigating Through the Menus

The navigation key on your phone lets you scroll through menus quickly and easily. The scroll bar at the right of the menu keeps track of your position in the menu at all times.

To navigate through a menu, press the navigation key up or down. If you are in a first-level menu, such as *Settings*, you may also navigate to the next or previous first-level menu by pressing the navigation key right or left.

For a diagram of your phone's menu, please see "Your Phone's Menu" on page ii.

Selecting Menu Items

As you navigate through the menu using the navigation key (🔘), menu options are highlighted. Select any option by highlighting it and pressing 🔘. If the option is numbered, you can select it by pressing the corresponding number on the phone's keypad.

For example, to view your text messages:

1. Press *Menu* (left softkey) to access the main menu.

2. Select *Messaging* by highlighting it and pressing 🔘.

3. Select *Text Message* by highlighting it and pressing 🔘. (If you have any text messages, they are displayed.)

4. Highlight a message and press 🔘 to view the message text.

> *Note* For the purposes of this guide, the above steps condense into "Press **Menu** > **Messaging** > **Text Message**."

Backing Up Within a Menu

To go to the previous menu:

▶ Press **BACK**.

To return to standby mode:

▶ Press **END**.

Displaying Your Phone Number

▶ Press *Menu > Settings > Phone Information > Phone Number*. (Your phone number and other information about your phone and account will be displayed.)

Making and Answering Calls

Making Calls

Placing a call from your wireless phone is as easy as making a call from any landline phone. Enter the number, press **TALK**, and you're on your way to clear calls.

1. Enter a phone number from standby mode. (If you make a mistake while dialing, press **BACK** to erase the numbers.)

2. Press **TALK**. (To make a call when you are roaming and Call Guard is enabled, press **1** and then press **TALK**. See "Call Guard" on page 52.)

3. Press **END** or close the phone when you are finished.

Tip	To redial your last outgoing call, press **TALK** twice.
	When making calls off the home network, always dial using 11 digits (1 + area code + phone number).

You can also place calls from your phone by speed dialing numbers from your Contacts (page 26), using Voice Dial (page 70), and using your Call History listings (page 54).

Dialing Options

When you enter numbers in standby mode, you will see a variety of dialing options displayed as softkeys on the phone's screen.

To send a message to the number, press *Send Msg* (left softkey).

– or –

To initiate a dialing option, press *Options* (right softkey) and choose one of the following options.

● *Speed Dial:* Enter a two digit number (2–99) to display the entry contained in the speed dial location you entered (if applicable). Press 🔲 to dial the speed dial number. (See "Assigning Speed Dial Numbers" on page 60.)

> *Tip*   *To speed dial a phone number from standby mode, press and hold the speed dial number. If the speed dial number is two digits, enter the first digit, and then press and hold the second digit. (For information on setting up speed dial numbers, see "Assigning Speed Dial Numbers" on page 60.) (This feature will not work when you are roaming off the home network; when roaming you must dial using eleven digits [1 + the area code + the seven-digit phone number].)*

● *4-Digit Dial:* Enter four digits to dial a phone number that matches from the list of numbers currently in your Contacts that ends with the four digits you enter. (See "Using Abbreviated Dialing" on page 25.)

● *Dial:* Dials the number or digits displayed.

● *Send Msg:* Sends a text message or picture message to the number being dialed.

● *Save:* Enter a seven-digit or ten-digit number (phone number and area code) and press *Options > Save* to save the phone number in your Contacts. (See "Saving a Phone Number" on page 23.)

● *Find:* Enter a digit or string of digits and press *Options* (right softkey) to display Contacts entries that contain the entered numbers. (See "Finding a Phone Number" on page 24.)

● *Hard Pause:* Enter digits and then use this feature to enter a hard pause within a number string (the phone waits for user input). To continue dialing, you must press the 🔲 key. (See "Dialing and Saving Phone Numbers With Pauses" on page 24.)

● *2sec Pause:* Enter digits and then use this feature to enter a 2 second delay within a number string (the phone continues dialing after 2 seconds without any additional keys being pressed). (See "Dialing and Saving Phone Numbers With Pauses" on page 24.)

Phone Basics

Answering Calls

1. Make sure your phone is on. (If your phone is off, incoming calls go to voicemail.)

2. Press [TALK] to answer an incoming call. (Depending on your settings, you may also answer incoming calls by opening the phone or by pressing any number key. See "Call Answer Mode" on page 43 for more information.)

Your phone notifies you of incoming calls in the following ways:

- The phone rings or vibrates.
- The backlight illuminates.
- The screen displays an incoming call message.

If the incoming call is from a number stored in your Contacts, the entry's name is displayed. The caller's phone number may also be displayed, if available.

If Call Answer is set to *Talk key* (see "Call Answer Mode" on page 43), the following options are also displayed. To select an option, press the corresponding softkey.

- *Answer* (left softkey) to answer the call.
- *Ignore* (right softkey) to send the call to your voicemail box.

| Note | To quiet the ringer, press the back or end key, or press the volume button. |

Answering a Roam Call With Call Guard Enabled

Call Guard is an option that helps you manage your roaming charges when making or receiving calls while outside the home network. Please see "Roaming" on page 50 for more information about roaming.

▶ Press *Answer* (left softkey) to answer the call. (See "Call Guard" on page 52 for additional information.)

| Note | When your phone is off, calls go directly to voicemail. |

Ending a Call

▶ Close the phone or press [END].

Missed Call Notification

When an incoming call is not answered, the Missed Call log is displayed on your screen.

To display the Missed Call entry from the notification screen:

▶ Select the entry and press 🔲. (To dial the phone number, press 🔲.)

To display a Missed Call entry from standby mode:

1. Press *Menu* > *Call History*.

2. Select the entry you wish to view and press 🔲.

Calling Emergency Numbers

You can place calls to 911 (dial 9️⃣ 1️⃣ 1️⃣ 🔲), even if your phone is locked or your account is restricted.

> *Note* *When you place an emergency call, your phone automatically enters Emergency mode.*

To exit Emergency mode:

1. Press 🔲 to end a 911 call.

> *Note* *When you are in Emergency mode, you can exit by pressing the 🔲 and 🔲 keys.*

To deactivate the Emergency call in standby mode:

▶ Press 🔲 🔲 until Emergency mode is exited.

Enhanced 911 (E911) Information

This phone features an embedded Global Positioning System (GPS) chip necessary for utilizing E911 emergency location services where available.

When you place an emergency 911 call, the GPS feature of your phone seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

> *Important* *Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs) may not be equipped to receive GPS location information from your phone.*

In-Call Options

Pressing *Mute/Unmute* (left softkey) mutes the microphone during a call so the caller is unable to hear any sound.

Pressing *Options* (right softkey) during a call displays a list of available in-call features. To select an option, press the corresponding keypad number or select the option and press ![MENU OK]. The following options may be available through the Options menu:

- *Key Mute/Unmute* allows you to mute the keytones from being heard by the caller.

- *Turn Speaker On/Off* enables or disables the speakerphone feature.

WARNING	*Because of higher volume levels, do not place the phone near your ear during speakerphone use.*

- *Set/Cancel Whisper* increases the microphone to its maximum level. During a call turn on *Set Whisper* when speaking softly or when the caller cannot hear your voice clearly. This mode is useful in meetings or public places.

- *Call History* checks your call log for Recent calls. You can also erase the logs from this menu.

- *Contacts* accesses the Contacts menu.

- *3-Way Call* allows you to talk to two different people at the same time. (For more information, see "Making a Three-Way Call" on page 100.)

- *Messaging* accesses the Messaging menu options.

- *Voice Memo* allows you to record incoming audio from your conversation. (For more information, see "Managing Voice Memos" on page 72.)

- *Tools* accesses the Tools menu options.

- *Phone Info* displays the following menu options:

    - *Phone Number* - your phone number

    - *Icon Glossary* - a list of currently available icons

    - *Version* - phone software version

    - *Advanced* - additional technical information

Press *Mute* (left softkey) during a call to mute the microphone. Press *Unmute* (left softkey) to unmute the microphone.

- While muted, the Mute icon (![mute icon]) is displayed on the upper-left of the main display screen.

End-of-Call Options

After you receive a call from or make a call to a phone number that is not in your Contacts, the phone number and the duration of the call are displayed. Press *Next > Save* (right softkey) to add the new number to your Contacts. (See "Saving a Phone Number" below.)

After you receive a call from or make a call to a phone number that is already in your Contacts, the entry name, phone number, and the duration of the call are displayed. Press *Next* (right softkey) to view the Post Call options menu.

To access the end-of-call options:

▶ Press *Next* (right softkey) to select either:

- *Call Again*: to redial the last received phone number.
- *Send Message*: to send the contact a message.
- *Save*: to add the new number to your Contacts list.

Note *The End-of-Call options are not displayed for calls identified as No ID or Restricted.*

Saving a Phone Number

The Contacts list can store a maximum of 500 phone numbers in total, with each contact entry containing a maximum of 5 phone numbers. Each entry's name can contain up to 20 characters. Your phone automatically sorts the Contacts entries alphabetically. (For more information, see "Contacts" on page 57.)

To save a number from standby mode:

1. Enter a phone number and press [MENU/OK].

2. Select *New Entry* or *Existing Entry* and press [MENU/OK]. (If this is your first entry, skip directly to step 3.)

3. Select a label (*Mobile*, *Home*, *Office*, *Pager*, or *Others*) and press [MENU/OK].

4. Use the keypad to enter a name and press [MENU/OK].

- Type in the first character and then press *Options* (right softkey) to select the desired entry method *T9(English)*, *Alpha*, *Symbol*, or *Number*.

  – or –

  Search for an existing contact name and press [MENU/OK].

5. Press *Done* (left softkey) to save the entry. You are then notified if the number was successfully added.

Finding a Phone Number

You can search Contacts entries for phone numbers that contain a specific string of numbers.

1. Enter four or more of the last digits in standby mode. (The more numbers you enter, the more specific the search becomes.)

2. Press *Options* (right softkey) > *Find*. (All Contacts entries matching the entered numbers will be displayed.)

3. To display the Contacts entry that contains the phone number you entered, select the entry and press <img>.

   – or –

   To dial the number, press <img>.

Dialing and Saving Phone Numbers With Pauses

You can dial or save phone numbers with pauses for use with automated systems, such as voicemail or credit card billing numbers.

| *Tip* | *Creating a saved series of numbers with pauses is very useful when entering data into an automated system. For example, if accessing your bank information requires dialing a toll-free number, followed by an account number and then your PIN, you could place a two-second pause after each group of numbers to ensure that they would be read correctly.* |

There are two types of pauses available on your phone:

● *Hard Pause* sends the next set of numbers when you press <img>. (This is indicated with a *P* within the number sequence.)

● *2sec Pause* automatically sends the next set of numbers after two seconds. (This is indicated with a *T* within the number sequence.)

| *Note* | *You can have multiple pauses in a phone number and combine two-second and hard pauses.* |

To dial or save phone numbers with pauses:

1. Enter the phone number.

2. Press *Options* (right softkey) > *Hard Pause* or *2sec Pause*.

3. Enter additional numbers.

4. Press [TALK] to dial the number.

   – or –

   Press *Options* (right softkey) > *Save* to save the number.

> *Note* When dialing a number with a hard pause, press [TALK] to send the next set of numbers.

Plus (+) Code Dialing

When placing international calls, you can use Plus Code Dialing to automatically enter the international access code for your location (for example, 011 for international calls placed from the United States).

To make a call using Plus Code Dialing:

1. Press and hold [0] until you see a "*+*" on the display.

2. Dial a country code and phone number and press [TALK]. (The international access code will automatically be dialed, followed by the country code and phone number.)

Using Abbreviated Dialing

Abbreviated Dialing is similar to speed dialing. You can use either of the following abbreviated dialing features.

- *Contacts Match* – Retrieve any number saved in your Contacts by entering only the last four to six digits of the number. Select *4-Digit Dial* to retrieve the number. (See "To activate the Contacts Match feature:" on page 44.)

- *Prepend/Abbreviated Dialing* – Prepend the first five or six digits (for example, the area code and prefix) to any four or five digits you enter. Press [TALK] to dial the resulting number. (See page 44 to register a prepend number and activate the Prepend feature.)

To place a call using Contacts Match Abbreviated Dialing:

1. Enter the last four digits of a Contacts entry's phone number.

2. Press *Options* (right softkey) > *4-Digit Dial*.

3. Select the desired number and press [TALK] or press *Call* (left softkey) to call the displayed number.

   - If there is more than one matched number in your Contacts, the Abbrev. Dial list is displayed. Select a name and then press [TALK] to place a call.)

To place a call using Prepend Abbreviated Dialing:

1. Enter the last four digits of the number.

2. Press [TALK].

Tip	You can also place a call by pressing **Options** *(right softkey)* > **Abbrev. Dial** *after step 1 above.*

Dialing From the Contacts List

1. Press *Menu > Contacts*.

   – or –

   Press *Contacts* (right softkey) in standby mode.

Shortcut	From standby mode, press **Contacts** *(right softkey)* to list entries.

2. Select the entry you want to call and press [TALK] to dial the entry's default phone number.

   – or –

   To dial another number from the same entry, select the name and press [MENU/OK], and then select a number and press [TALK].

Using Speed Dialing

You can store up to 99 numbers in your phone's speed dial memory to make contacting friends and family as easy as pressing a button or two. With this feature, you can dial speed dial entries using one keypress for locations 1–9 or two keypresses for locations 10–99.

For information on storing speed dial numbers, see "Assigning Speed Dial Numbers" on page 60.

To use One-Touch Dialing for speed dial locations 1–9:

► Press and hold the appropriate key for approximately two seconds. The display confirms that the number has been dialed when it shows the calling animation.

To use Two-Touch Dialing for speed dial locations 10–99:

1. Press the first digit.

2. Press and hold the second digit for approximately two seconds. The display confirms that the number has been dialed when it shows the calling animation.

Note	Speed dialing is not available when you are roaming; when you are roaming off the home network, you must always dial using eleven digits (1 + area code + number).

Entering Text

Selecting a Text Input Mode

Your phone provides convenient ways to enter letters, numbers, and symbols whenever you are prompted to enter text (for example, when adding a Contacts entry or when using email and text messaging).

1. From a screen where you can enter text, press *Options* (right softkey) to change the text input mode.

2. Select one of the following options:

   - *T9(English)* to enter text using a predictive text system that reduces the number of keypresses required while entering a word. (See page 28.)
   - *Alpha* to cycle through the alpha characters associated with the letters on the keypad. (See page 28.)
   - *Symbol* to enter symbols. (See page 29.)
   - *Number* to enter numbers by pressing the numbers on the keypad. (See page 29.)

   - *Preset Msg* to enter preprogrammed messages. (See page 29.)
   - *Recent Msg* to enter a message from a list of previous messages (see page 29).
   - *Emoticons* to enter "emoticons." (see page 29.)
   - *Text Options* to configure these options: *Auto-Capital*, *Used Word Dic.*, *Display Cand.*, *Prediction Start*, *Dual Language*, and *Insert Space* (see page 30).

   Tip When entering text, press the * (Shift) key to change letter capitalization (abc > Abc > ABC).

Entering Text Using T9 Text Input

T9 Text Input lets you enter text by pressing keys just once per letter. (To select the T9 Word mode when entering text, see "Selecting a Text Input Mode" on page 27.)

T9 Text Input uses an intuitive word database to analyze the letters you enter and create a suitable word. (The word may change as you type.)

1. Select the *T9(English)* text input mode.

2. Press the corresponding keys once per letter to enter a word. (For example, to enter the word "Bill," press **2ABC** **4GHI** **5JKL** **5JKL**.) (If you make a mistake, press **BACK** to erase a single character. Press and hold **BACK** to erase an entire word.)

   ▪ To get the uppercase *B* in the above example, press **✱shift** until the text input mode has cycled to *Word*. This keeps the word with only an initial uppercase.

   ▪ If the word you want is not displayed after you have entered all the letters, press and hold **0Next** to then display additional word selections with each consecutive press of **0Next**.

   ▪ To accept a word and insert a space, press **#Space**.

Adding a Word to the T9 Database

If a word you want to enter is not displayed as an option when you are using T9 Text Input, add it to the database by selecting the Alpha mode.

1. Select the *Alpha* text input mode. (See "Selecting a Text Input Mode" on page 27.)

2. Enter the word using Alpha Mode. (See "Entering Text Using Alpha Mode" below.) The word will appear as an option the next time you scroll through options during T9 Text Input.

For more information about T9 Text Input, visit the Nuance Web site at *www.nuance.com/T9/textinput/*.

Entering Text Using Alpha Mode

1. Select the *Alpha* mode. (See "Selecting a Text Input Mode" on page 27.)

2. Press the corresponding keys repeatedly until the correct letter appears. (For example, to enter the word "Bill," press **2ABC** twice, **4GHI** three times, **5JKL** three times, and **5JKL** three times again.)

(If you make a mistake, press **BACK** to erase a single character. Press and hold **BACK** to erase an entire word.)

By default, the first letter of an entry is capitalized and the following letters are lowercased. After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

Characters scroll in the following order:

Key	English Sequence	
	Upper Case	**Lower Case**
1	. , @ 1 ? ! ✱ # /	
2ABC	A B C 2	a b c 2
3DEF	D E F 3	d e f 3
4GHI	G H I 4	g h i 4
5JKL	J K L 5	j k l 5
6MNO	M N O 6	m n o 6
7PQRS	P Q R S 7	p q r s 7
8TUV	T U V 8	t u v 8
9WXYZ	W X Y Z 9	w x y z 9
0Next+	0	
✱Shift	One-character- shifted	
#Space	Space	

Entering Numbers, Symbols, Smileys, Recent Messages, and Preset Messages

To enter numbers:

► Select the *Number* mode and press the appropriate key. (See "Selecting a Text Input Mode" on page 27.)

To enter symbols:

► Select the *Symbols* mode. (See "Selecting a Text Input Mode" on page 27.) To enter a symbol, press the appropriate key indicated on the display.

To enter "emoticons" (smileys):

► Select the *Emoticons* mode and press the appropriate key. (See "Selecting a Text Input Mode" on page 27.)

To enter recent messages:

1. Select the *Recent Msg* mode. (See "Selecting a Text Input Mode" on page 27.)

2. Highlight a previously sent text message from the list and press [MENU/OK].

To enter preset messages:

1. Select the *Preset Msg* mode. (See "Selecting a Text Input Mode" on page 27.)

2. Select a message and press [MENU/OK].

Note	Preset messages make composing text messages easier by allowing you to enter quick messages, such as "Meet me at," "Let's get lunch," or a customized message of your own. (For more information on preset messages, please see "Managing Preset Messages" on page 40.)

Setting Text Options

The Text Options menu allows you to specify more automated features during the text entry process. These options can help streamline the text entry process by correcting for capitalization, spelling, spacing, and completing the most commonly entered words for you.

To specify text options:

1. When you display a screen where you can enter text, press *Options* (right softkey) > *Text Options* and then use your navigation key to scroll down the list and activate the desired text entry options:

   - *Auto-Capital* allows you to turn on or off the capitalization of the next character after a full stop punctuation is followed by a space.

   - *Used Word Dic.* allows you to use the entire static database (included) plus learn and promote new frequently used words.

   - *Display Cand.* allows the phone to display predicted words, either one at a time or as a list.

- **Prediction Start** allows you to configure the phone to display possible word candidates after a preset number of characters have been entered. You can choose the feature to begin after the 3rd, 4th, or 5th letters.
- **Dual Language** allows you to select word candidates to display in English only (**None**) or in Spanish (**Spanish**).
- **Insert-Space** allows you to turn on or off the ability to insert a space automatically after a word is selected from the candidate list.

2. When you have completed making your changes to these options, press [MENU] or press **Close** (right softkey) to go back to the previous screen.

> *Note*   *You can also access Text Entry options from the Settings menu. Press* Menu > Settings > Text Entry.

Entering Characters In Dual Language

By enabling the Dual Language text option, you can use the keys for both English and Spanish text entry. If the **Display Candidate** and **Prediction Start** text options are enabled, the available word choices presented are from both language sets (English/Spanish).

To enter characters in dual language mode:

1. When you display a screen where you can enter text, press **Options** (right softkey) > **Text Options** > **Dual Language**.

2. Select **Spanish** and press [MENU]. (See "Setting Text Options" on page 30.)

To disable dual language mode:

1. When you display a screen where you can enter text, press the **Options** (right softkey) > **Text Options** > **Dual Language**.

2. Select **None** and press [MENU].

Settings

- ♦ *Sound Settings (page 32)*
- ♦ *Display Settings (page 36)*
- ♦ *Location Settings (page 39)*
- ♦ *Messaging Settings (page 39)*
- ♦ *Airplane Mode (page 42)*
- ♦ *TTY Use (page 42)*
- ♦ *Phone Setup Options (page 43)*

You can customize your phone to sound, look, and operate just the way you want it to. This section describes how to change your phone's settings to best suit your needs. Take a few moments to review these options and to adjust or add settings that are right for you.

Sound Settings

Ringer Types

Ringer types help you identify incoming calls and messages. You can assign ringer types to individual Contacts entries, types of calls, and types of messages.

- ▪ *Downloaded Ringers* can be downloaded right to your phone.
- ▪ *Preprogrammed Ringers* include a variety of standard ringer types and familiar music.
- ▪ *Vibrating Ringer* alerts you to calls or messages without disturbing others.

Selecting Ringer Types for Voice Calls

Your phone provides a variety of ringer options that allow you to customize your ring and volume settings. These options allow you to identify incoming calls by the ring.

1. Press *Menu > Settings > Sounds > Ringer Type > Voice Calls*.

2. Select *With Caller ID* or *No Caller ID*. (A list of ringer type categories will be displayed.)

3. Select a category, and then use your navigation key (⬤) to scroll through the available ringers. A sample ringer will sound as you highlight each option.

4. Press ⬛ to assign a ringer.

Getting New Ringers

A wide variety of new ringers is available from your service provider, and you can access them right from your phone. (Additional charges may apply, but some are free.)

1. Press *Menu > My Content > Ringers > Get New Ringers*.

2. Follow the system prompts to download and purchase Ringers.

Selecting Ringer Types for Messages

1. Press *Menu > Settings > Sounds > Ringer Type > Messages*.

2. Select *Voicemail*, *Text Message*, or *Picture Messaging*. (A list of ringer type categories will be displayed.)

3. Select a category, and then use your navigation key (⬤) to scroll through the available ringers. A sample ringer will sound as you highlight each option.

4. Press ⬛ to assign a ringer.

Selecting Ringer Types for Scheduled Events

1. Press *Menu > Settings > Sounds > Ringer Type > Schedule*.

2. Select a category, and then use your navigation key (⬤) to scroll through the available ringers. A sample ringer will sound as you highlight each option.

3. Press ⬛ to assign a ringer.

Selecting Ringer Types for Roaming

1. Press *Menu > Settings > Sounds > Ringer Type > Roaming*.

2. Select *Normal* or *Distinctive* and press ⬛.

Selecting Vibration Type

1. Press *Menu > Settings > Sounds > Ringer Type > Vibration*.

2. Use your navigation key (⬤) to scroll through the available vibration types (1 - 4). A sample vibration activates as you highlight each option.

3. Press ⬛ to assign the type.

Selecting a Keytone

Your phone offers a number of options for selecting the audible tones accompanying a keypress.

1. Press *Menu* > *Settings* > *Sounds* > *Keytones*.

2. Select an option and press ![MENU OK].

    ■ *Tone Type* to select the sound of a keypress.

    ■ *Tone Length* to select a keytone length. (Longer tone lengths may be better for tone recognition when dialing voicemail or other automated systems.)

    ■ *Tone Volume* to select a keypress volume level.

To select a Tone Type:

1. Press *Menu* > *Settings* > *Sounds* > *Keytones*.

2. Select *Tone Type* and press ![MENU OK].

3. Select *DTMF*, *Xylophone*, or *Voice* and press ![MENU OK].

To select a Tone Length:

1. Press *Menu* > *Settings* > *Sounds* > *Keytones*.

2. Select *Tone Length* and press ![MENU OK].

3. Select *Short* or *Long* and press ![MENU OK].

To select a Tone Volume:

1. Press *Menu* > *Settings* > *Sounds* > *Keytones*.

2. Select *Tone Volume* and press ![MENU OK].

3. Select a tone level (*Keytone off* or *Level 1 - 8*) and press ![MENU OK].

Adjusting the Phone's Volume Settings

Adjust your phone's volume settings to suit your needs and your environment.

1. Press *Menu* > *Settings* > *Sounds* > *Volume*.

2. Select *Ringer*, *Earpiece*, *Headset*, *Speakerphone,* or *Advanced*.

3. Using the navigation key, choose a volume level and press ![MENU OK].

Tip	You can adjust the ringer volume in standby mode (or the earpiece volume during a call) by using the volume key on the left side of your phone.

Adjusting the Advanced Volume Settings

Adjust your phone's other advanced volume settings to suit your needs and your environment.

1. Press *Menu > Settings > Sounds > Volume > Advanced*.

2. Select *Alarms*, *Application*, *Picture Messaging*, *Text Message*, or *Voice Mail* and press [MENU].

Note | *Repeat these same processes to adjust the Application Sound and Game Vibrate settings.*

3. Use the navigation key to select *Use Ringer Vol.* (to use the ringer volume setting).

   – or –

   Use the navigation key to select *Separate Vol.* (to use a volume setting that is different from the ringer volume setting).

4. Press [MENU] to select *Always Vibrate* if you wish the phone to vibrate in addition to ringing at the selected volume setting.

5. Press *Done* (left softkey).

Alert Notification

Set your phone to alert you with an audible tone when you change service areas, once a minute during a voice call, or when a call has been connected.

1. Press *Menu > Settings > Sounds > Alerts*.

2. Select *Beep each minute*, *Out of Service*, *Connect*, *Signal Fade/Call Drop*, or *Power On/Off* and press [MENU].

3. Select *On* or *Off* and press [MENU].

Silence All

The Silence All option allows you to mute all sounds without turning your phone off.

To activate Silence All:

▶ With the phone open, press and hold the volume button down in standby mode. (The screen will display "Silence All.")

To deactivate Silence All:

▶ Press the volume button up repeatedly to select a volume level.

Display Settings

Changing the Text Greeting

A text greeting is displayed on your phone's screen in standby mode. Choose the phone's default greeting or enter your own custom greeting.

1. Press *Menu* > *Settings* > *Display* > *Main Screen* > *Foregrounds* > *Greeting*.

2. Enter a custom greeting and press 🔘. (See "Entering Text" on page 27.) (Press 🔙 to erase the existing greeting.)

Changing the Backlight Time Length

Select how long the display screen remains backlit after any keypress is made.

1. Press *Menu* > *Settings* > *Display* > *Backlight*.

2. Select a time setting and press 🔘.
   ▪ Select *Always on, 30 seconds, 15 seconds, 8 seconds* or *Dim only*.

Note	Long backlight settings reduce the battery's talk and standby times.

Changing the Keypad Time Length

Select how long the keypad remains backlit after any keypress is made.

1. Press *Menu* > *Settings* > *Display* > *Keypad Light*.

2. Select a time setting and press 🔘.
   ▪ Select *Flip open, 30 seconds, 15 seconds, 8 seconds* or *Off*.

Note	Long keypad settings reduce the battery's talk and standby times.

Changing the Status Light

1. Press *Menu* > *Settings* > *Display* > *Status Light*.

2. Select *On* or *Off*, and press 🔘.

Changing the Display Screen Image

Choose what you see on the display screen while powering on or off and when in standby mode.

1. Press *Menu* > *Settings* > *Display* > *Main Screen* > *Screen Saver*. (A list of available images will be displayed.)

2. Select *Preset Image*, *My Content*, or *My Albums* and press [MENU/OK].

3. Select an image and press [MENU/OK] to view it. (Once an image is displayed, use your navigation key to scroll through and view other available images.)

4. Press *Assign* (left softkey) to assign an image.

Changing the Display Screen Brightness

Adjust your screen's contrast (brightness) to suit your surroundings.

1. Press *Menu* > *Settings* > *Display* > *Brightness*.

2. Press your navigation key left or right to adjust the screen contrast and press [MENU/OK].

Changing the Outer Screen Image

Choose what you see on the outer screen when the phone is closed.

1. Press *Menu* > *Settings* > *Display* > *Outer Screen* > *Screen Saver*. (A list of available images will be displayed.)

2. Select *Preset Image* or *Main LCD Image* and press [MENU/OK].

3. Select an image and press [MENU/OK] to view it. (Once an image is displayed, use your navigation key to scroll through and view other available images.)

4. Press *Assign* (left softkey) to assign an image.

Changing the Outer Screen Brightness

Adjust your Outer screen's contrast (brightness) to suit your surroundings.

1. Press *Menu* > *Settings* > *Display* > *Outer Screen* > *Sub Contrast*.

2. Press your navigation key left or right to select a level (*Level 1 - Level 10*) and press [MENU/OK].

Activating the Power Save Mode

1. Press *Menu > Settings > Display > PowerSave Mode*.

2. Select *On* or *Off*, and press [MENU/OK].

Changing the Phone's Menu Style

Choose how your phone's menu is displayed on the screen.

1. Press *Menu > Settings > Display > Menu Style*.

2. Select an option and press [MENU/OK].

- *3x3 Black* to view the menu as a grid with three rows and three columns with each menu item as a single screen icon.

- *List style* to display the menu as a list.

Display Language

You can choose to display your phone's onscreen menus in English or in Spanish.

1. Press *Menu > Settings > Display > Language*.

2. Select *English* or *Español* and press [MENU/OK].

Changing the Clock Display

Choose whether you want your phone's clock to be displayed in analog mode or digital mode.

1. Press *Menu > Settings > Display > Main Screen > Foregrounds > Clock/Calendar*.

2. Select *Digital Clock*, *Analog Clock*, or *Calendar&None*, and then press [MENU/OK].

3. Use the navigation keys to make a selection.

4. Press *Done* (left softkey) to apply the setting.

Changing the Dialing Font

Adjust the font when entering text (for example, when using the notepad or when adding a Contacts entry).

1. Press *Menu > Settings > Display > Dialing Font*.

2. Select *Color* or *Size*.

3. Select a size or color setting and press [MENU/OK].

Location Settings

Your phone is equipped with a Location feature for use in connection with location-based services.

The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

Note	Turning Location on will allow the network to detect your position using GPS technology, making some wireless applications and services easier to use. Turning Location off will disable the GPS location function for all purposes except 911, but will not hide your general location based on the cell site serving your call. No application or service may use your location without your request or permission. GPS-enhanced 911 is not available in all areas.

To enable your phone's Location feature:

1. Press *Menu* > *Settings* > *More...* > *Location*. (The Location disclaimer will be displayed.)

2. Read the disclaimer and press ⌨.

3. Select *On* or *Off* and press ⌨.

When the Location feature is on, your phone's standby screen will display the ⊕ icon. When Location is turned off, the ⊗ icon will be displayed.

Messaging Settings

Messaging settings make text messaging easier by letting you decide how you would like to be notified of new messages, create a signature with each sent message, and create your own preset messages. For information about messaging, see "Text Messaging (SMS)" on page 97 and "Instant Messaging" on page 106.

Setting Message Notification

When you receive a message, your phone notifies you by displaying an icon on your display screen. You can also choose to be notified with a message notification on your display screen.

1. Press *Menu* > *Settings* > *Messaging* > *Notification*.

2. Select *Message & Icon* or *Icon only* and press ⌨.

Tip	To access the Messaging Settings menu, you can also press **Menu** > **Messaging** > **Settings**.

Setting Message Reminders

When new messages arrive, you can choose to ignore them and set the phone to periodically remind you of them by playing an audible alert at a set interval.

To hear a reminder alert for unread messages:

1. Press *Menu > Settings > Messaging > Message Reminder*.

2. Select *Off*, *Once*, or *Every 2 min* and press [MENU/OK].

Deleting Old Messages

Delete messages you have read whenever you like, or have your phone delete them automatically for you.

To automatically delete read messages:

1. Press *Menu > Settings > Messaging > Auto-Delete*.

2. Select *Yes* or *No* and press [MENU/OK].

Adding a Customized Signature

Add a customized signature to each message you send.

1. Press *Menu > Settings > Messaging > Signature.*

2. Read the onscreen message, select *On* and press [MENU/OK]. (If you do not wish to attach a signature to your outgoing messages, select *Off*.)

3. Enter a signature and press [MENU/OK]. (See "Entering Text" on page 27.)

Managing Preset Messages

Your phone is loaded with 10 preset messages to help make sending text messages easier. Customize or delete these messages, such as "Where are you?," "Let's get lunch," and "Meet me at" to suit your needs, or add your own messages to the list.

To edit or delete a preset message:

1. Press *Menu > Settings > Messaging > Pre-set Message*. (The list of preset messages will be displayed.)

2. Highlight the message and press *Edit* (left softkey) to edit the message (see "Entering Text" on page 27), and press [MENU/OK].

   – or –

   Press *Options* (right softkey) > *Erase* to delete the message. (Select *Erase All* to delete all current messages.)

To add a new preset message:

1. Press *Menu > Settings > Messaging > Pre-set Message*. (The list of preset messages will be displayed.)

2. To add a new message, select an empty message location, and press *Add New* (left softkey).

3. Enter your message (see "Entering Text" on page 27), and press [MENU]. (Your new message will be added to the beginning of the list.)

Other Text Message Settings

These Text Message settings allow you to configure the options associated with a text message sent from your phone. These options include:

- *Save in Outbox* - allows you to save a copy of a sent message in your outbox.
- *Priority* - allows you to set a priority level of Normal or Urgent for text messages.
- *Callback Number* - allows you to set the callback number for the recipient to view when receiving a text message.
- *Draft Alert* - allows you to set an alert when your message has been stored as a draft.

To save new messages in the outbox:

1. Press *Menu > Settings > Messaging > Save in Outbox*.

2. Select *Yes* or *No* and press [MENU].

To set the priority level:

1. Press *Menu > Settings > Messaging > Priority*.

2. Select *Normal* or *Urgent* and press [MENU].

To activate a Callback Number:

1. Press *Menu > Settings > Messaging > Callback Number*.

2. Select *None*, *<current number>*, or *Other* and press [MENU].

To set the draft alert:

1. Press *Menu > Settings > Messaging > Draft Alert*.

2. Select *On* or *Off* and press [MENU].

Airplane Mode

Airplane Mode allows you to use many of your phone's features, such as Games, Notepad, and Voice Memos, when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When you set your phone to Airplane Mode, it cannot send or receive any calls or access online information.

1. Press *Menu > Settings > More... > Airplane Mode*.

2. Read the disclaimer and press [MENU OK].

3. Select *On* or *Off* and press [MENU OK].

While in Airplane Mode, you will see "Phone off."

TTY Use

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it supports digital wireless transmission. Your phone and TTY device will connect via a special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

When establishing your wireless service, please call your service provider via the state Telecommunications Relay Service (TRS) by first dialing [7pqrs] [1] [1] [TALK]. Then provide the state TRS with this number: *866-727-4889*.

To turn TTY Mode on or off:

1. Press *Menu > Settings > More... > Accessibility > TTY.* (An informational message will be displayed.)

2. Read the informational message and press [MENU OK].

3. Select *TTY OFF*, *TTY + Hear*, *TTY+ Talk*, or *TTY Full* and press [MENU].

Note	In TTY Mode, your phone will display the TTY access icon.
	If TTY mode is enabled, the audio quality of non-TTY devices connected to the headset jack may be impaired.

WARNING	**911 Emergency Calling**
	It is recommended that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 911 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.

Phone Setup Options

Shortcuts

Your phone offers you the option of assigning shortcuts to favorite or often-used functions. Pressing the navigation key to the assigned direction in standby mode will launch your personally designated shortcuts.

1. Press *Menu > Settings > More... > Navigation Keys*.

2. Select a navigation key direction (Up, Down, Left, or Right) and press [MENU].

3. Using the navigation key or your keypad, select a shortcut and press [MENU]. (If there are additional levels available, press before selecting your shortcut.)

4. Press [END] to return to standby mode.

Call Answer Mode

Select how to answer incoming calls on your phone: whether you want to be required to press [TALK], to press any number key, or simply to open the phone.

1. Press *Menu > Settings > More... > Call Setup > Call Answer*.

2. Select an option and press [MENU/OK].

   ■ *Any key* to allow an incoming call to be answered by pressing any key except [END] or *Ignore* (right soft key).

   ■ *Talk key* to require [TALK] to be pressed to answer all incoming calls.

   ■ *Flip open* to allow an incoming call to be answered by opening the phone.

Auto Answer Mode

Set your phone to automatically pick up incoming calls when connected to an optional hands-free car kit.

1. Press *Menu > Settings > More... > Call Setup > Auto Answer.*

2. With *Car-Kit/Headset* selected, highlight an option and press [MENU/OK].

   ■ *Yes* to answer calls automatically when the phone is connected to a hands-free car kit or a headset (sold separately). Remember, your phone will answer calls in Auto-Answer mode even if you are not present.

   ■ *No* to disable Auto-Answer.

Setting Abbreviated Dialing

To activate the Contacts Match feature:

1. Press *Menu > Settings > More... > Call Setup > Contacts Match.*

2. Select *On* or *Off* and press [MENU/OK].

To activate the Prepend feature:

1. Press *Menu > Settings > More... > Call Setup > Abbreviated Dialing.*

2. Select *On* and press [MENU/OK].

3. Enter the first five- or six-digit prefix in the *Abbrev. Dial* field and then press [MENU/OK].

   ■ To deactivate this feature, select *Off* during step 2 above.

| *Tip* | *To make an Abbreviated Dial call, see "Using Abbreviated Dialing" on page 25.* |

| *Note* | *This setting does not apply to 911.* |

Security

- ♦ *Accessing the Security Menu (page 45)*
- ♦ *Your Phone's Lock Feature (page 45)*
- ♦ *Lock Services (page 46)*
- ♦ *Special Numbers (page 47)*
- ♦ *Erasing Phone Content (page 47)*
- ♦ *Resetting Your Picture Account (page 48)*
- ♦ *Resetting Your Phone Settings (page 48)*
- ♦ *Resetting Your Phone (page 49)*
- ♦ *Security Features for Data Services (page 49)*

By using the security settings on your phone, you receive peace of mind without sacrificing flexibility. This section will familiarize you with your phone's security settings. With several options available, you can customize your phone to meet your personal needs.

Accessing the Security Menu

All of your phone's security settings are available through the Security menu. You must enter your lock code to view the Security menu.

1. Press *Menu > Settings > More...> Security*.

2. Enter your lock code to display the Security menu.

Tip   *If you can't recall your lock code, try using the last four digits of your wireless phone number. If this doesn't work, contact your service provider.*

Your Phone's Lock Feature

Locking Your Phone

When your phone is locked, you can only receive incoming calls or make calls to 911 or special numbers. (See "Special Numbers" on page 47.)

▶ Press *Menu > Settings > More... > Restrict and Lock > Lock my Phone*. (To set your phone to lock the next time it is turned on, select *On Power Up*.)

Unlocking Your Phone

1. From standby mode, press 📋 to display the User Lock screen.

2. Enter your lock code.

Changing the Lock Code

1. Press *Menu* > *Settings* > *More...* > *Security* and enter your lock code.

2. Select *Change Lock Code*.

3. Enter your new code and press *Next* (left softkey).

4. Re-enter your new lock code and press *Done* (left softkey).

Calling in Lock Mode

You can place calls to 911 and to your special numbers when in lock mode. (For information on special numbers, see "Special Numbers" on page 47.)

▶ To call an emergency number or special number, enter the phone number and press 📞.

Lock Services

This setting allows you to lock voice call functions and data services. When you enable Lock Services, you will be unable to make new calls (excluding emergency numbers) or to access the data services until the lock has been disabled in the Security menu.

Locking Voice Services

1. Press *Menu* > *Settings* > *More...* > *Restrict and Lock*.

2. Select *Voice* and press 📋.

3. Enter your user lock code.

4. Select *Lock* and press 📋.

5. Select *Lock* and press 📋.

To restrict voice calls:

1. Press *Menu* > *Settings* > *More...* > *Restrict and Lock*.

2. Select *Voice* and press 📋.

3. Enter your user lock code.

4. Select *Restrict* and press 📋.

5. Select *Outgoing Call* and press <img> .

6. Select *Allow all*, *Contacts only*, or *Special # only* and press <img> .

Special Numbers

Special numbers are important numbers that you have designated as being "always available." You can call and receive calls from special numbers even if your phone is locked.

You can save up to 10 special numbers in addition to your Contacts entries (the same number may be in both directories).

To add or replace a special number:

1. Press *Menu > Settings > More...> Security* and enter your lock code.

2. Select *Special Numbers*.

3. Select a location (*1 - 3*) for your entry and press <img> .

4. Enter the number and press <img> .

Note	There are no speed dial options associated with special numbers.

Erasing Phone Content

Use the Security menu to quickly erase all the content you have created or stored in your phone.

1. Press *Menu > Settings > More... > Security* and enter your lock code.

2. Select *Erase/Reset*.

3. Select an option and press <img> .

   ▪ *Erase Web Cookies* to erase all web tracking cookies.

   ▪ *Erase Web History* to erase the history of your recently visited web sites.

   ▪ *Erase Web Cache* to erase any temporarily downloaded web files.

   ▪ *Erase Contacts* to erase the contents of your Contacts list.

   ▪ *Erase My Content* to erase all the content you have downloaded to your phone.

   ▪ *Erase Pictures* to erase all pictures or videos stored on your phone.

   ▪ *Erase Message* to erase all stored messages.

- *Reset Picture Account* to reset any previously configured picture account settings.
- *Reset All Settings* to reset the phone to its default settings, but keep any current data on the phone.
- *Reset Phone* to reset the phone to its factory settings and erase all data.

4. Select *Yes* to confirm the deletion and press [MENU/OK].

Resetting Your Picture Account

Resetting your picture messaging account settings clears the account settings and you will need to register your picture messaging account again before you can use it.

1. Press *Menu > Settings > More... > Security* and enter your lock code.

2. Select *Erase/Reset > Reset Picture Account*.

3. Read the disclaimer, select *Yes*, and press [MENU/OK].

Resetting Your Phone Settings

Resetting the default settings restores all the default settings to your phone without deleting any data you have entered, such as entries to your Contacts list.

1. Press *Menu > Settings > More... > Security* and enter your lock code.

2. Select *Erase/Reset > Reset All Settings*.

3. Read the disclaimer, select *Yes*, and press [MENU/OK].

4. Select *Yes* again and press [MENU/OK] to confirm.

Resetting Your Phone

Resetting the phone restores all the factory defaults, including the ringer types and display settings. Any Contacts, History, Scheduler, and Messages stored on the phone are deleted.

WARNING	Resetting your phone deletes all files that you have previously downloaded.

1. Press *Menu* > *Settings* > *More...* > *Security* and enter your lock code.

2. Select *Erase/Reset* > *Reset Phone*.

3. Read the disclaimer, select *Yes*, and press 🔲.

4. You will be asked to confirm resetting the phone. If you are then sure you want all data erased and the phone reset to its factory default state, select *Yes*, and press 🔲.

Security Features for Data Services

Enabling and Disabling Data Services

You can disable data services without turning off your phone; however, you will not have access to all data services, including Web and messaging. Disabling data services will avoid any charges associated with these services. While signed out, you can still place or receive phone calls, check voicemail, and use other voice services. You may enable data services again at any time.

To disable data services:

1. Press *Menu* > *Settings* > *More...* > *Data* > *Off Data*. (A message is displayed.)

2. Select *Next* > *Disable Data* and press 🔲 to confirm that you want to sign out and deactivate data.

To enable data services:

1. Press *Menu* > *Settings* > *More...* > *Data* > *On Data*. (A message is displayed.)

2. Select *Yes* and press 🔲 to enable data service and connect to the network.

Roaming

Roaming is the ability to make or receive calls when you're off the home network. Your new dual band m320 by Samsung® works anywhere on the network and allows you to roam on other 1900 and 800 MHz digital networks where we've implemented roaming agreements with other carriers. This section explains how roaming works as well as special features that let you manage your roaming experience.

Understanding Roaming

Recognizing the Roaming Icon on the Display Screen

Your phone's display screen always lets you know when you're off the home network. Anytime you are roaming, the phone displays the roaming icon (▲▮).

Tip   *Remember, when you are using your phone off the home network, always dial numbers using 11 digits (1 + area code + number).*

Roaming on Other Digital Networks

When you're roaming on digital networks, your call quality and security will be similar to the quality you receive when making calls on the home network. However, you may not be able to access certain features, such as data services, depending on the available network.

Note   *If you're on a call when you leave the home network, your call is dropped. If your call is dropped in an area where you think network service is available, turn your phone off and on again to reconnect to the network.*

Checking for Voicemail Messages While Roaming

When you are roaming off the home network, you may not receive on-phone notification of new voicemail messages. Callers can still leave messages, but you will need to periodically check your voicemail for new messages if you are in a roaming service area for an extended period of time.

1. Dial 1 + area code + your phone number.

2. When you hear your voicemail greeting, press ✱ shift.

3. Enter your passcode at the prompt and follow the voice prompts.

When you return to the home network, voicemail notification will resume as normal.

Setting Your Phone's Roam Mode

Your phone allows you to control your roaming capabilities. By using the Roaming menu option, you can determine which signals your phone accepts.

Choose from two different settings on your dual-band phone to control your roaming experience.

1. Press *Menu > Settings > More... > Roaming > Set Mode*.

2. Select an option and press ▣.
   ▪ *Automatic* to seek service on the home network.
   ▪ *Home Only* to access the home network only and prevent roaming on other networks.

Call Guard

Your phone has two ways of alerting you when you are roaming off the home network: the onscreen roaming icon and Call Guard. Call Guard makes it easy to manage your roaming by requiring an extra step before you can place or answer a roaming call. (This additional step is not required when you make or receive calls while on the home network.)

To turn Call Guard on or off:

1. Press *Menu > Settings > More... > Roaming > Call Guard*.

2. Highlight *On* or *Off* and press [MENU/OK].

Note	Call Guard is turned on by default on your phone.
	Voice dialing and speed dialing are not available when you are roaming with Call Guard enabled.

To place roaming calls with Call Guard on:

1. From standby mode, dial 1 + area code + the seven-digit number and press [TALK].

2. Press [1] to confirm the Roaming rate notification and complete the call.

To answer incoming roaming calls with Call Guard on:

1. Press [TALK]. (A message will be displayed notifying you that roaming charges will apply.)

2. Press *Answer* (left softkey).

Note	*If the Call Guard feature is set to On, you need to take extra steps to make and receive roaming calls.*

Call History

- ♦ *Viewing Call History (page 53)*
- ♦ *Call History Options (page 54)*
- ♦ *Making a Call From Call History (page 54)*
- ♦ *Saving a Number From Call History (page 54)*
- ♦ *Prepending a Number From Call History (page 55)*
- ♦ *Erasing Call History (page 56)*

Call History keeps track of incoming calls, outgoing calls, and missed calls. This section guides you through accessing and making the most of your History.

Viewing Call History

Call History is a list of the last 150 phone numbers (or Contacts entries) for calls you placed, accepted, or missed. Call History makes redialing a number fast and easy. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

Each entry contains the phone number (if it is available) and Contacts entry name (if the phone number is in your Contacts). Duplicate calls (same number and type of call) may only appear once on the list.

1. Press *Menu > Call History*.

2. Select an entry and press <img_ref id="1" />.

Note	History records only calls that occur while the phone is turned on. If a call is received while your phone is turned off, it will not be included in the phone's history.
	If you return a call from the voicemail menu, it will not be included in your phone's history.

Call History Options

Select a Call History entry and press [MENU/OK] to display the date and time of the call, the phone number (if available), and the caller's name (if the number is already in your Contacts). Press *Options* (right softkey) to display the following options:

- *Save Contact* to save the number if it is not already in your Contacts. (See "Saving a Number From Call History" on page 54.)
- *Contact Detail* to view the associated Contacts entry information if the number is already saved in Contacts.
- *Prepend* to add numbers to the beginning of the selected number. (See "Prepending a Number From Call History" on page 55.)
- *Delete* to delete the entry.
- *Delete All* to delete all History entries.

> *Tip* You can also view the next History entry by pressing the navigation key right or view the previous entry by pressing the navigation key left.

Making a Call From Call History

1. Press *Menu > Call History*.
2. Select an entry and press [MENU/OK].
3. Select an entry and press [TALK].

> *Note* You cannot make calls from History to entries identified as **No ID**, **Unknown** or **Restricted**.

Saving a Number From Call History

Your phone can store up to 500 Contacts entries. Contacts entries can store up to a total of five phone numbers, and each entry's name can contain 20 characters.

1. Select a Call History entry and press *Options* (right softkey) > *Save Contact*.
2. Select *New Entry* to create a new Contacts entry for the number or *Existing Entry* to save the number to an existing entry. (If this is your first entry, you will skip directly to step 3.)

3. Select a label (such as *Mobile*, *Home*, *Office*, *Pager*, or *Others*) and press [MENU/OK].

4. Use the keypad to type in the new entry name and press [MENU/OK].

   – or –

   Select an existing Contacts entry and press [MENU/OK].

5. Make any other selection or entries for this new Contact.

6. Press *Done* (left softkey) to save the new entry to your Contacts list and exit.

After you have saved the number, the new Contacts entry is displayed. (See "Contacts Entry Options" on page 58.)

> *Note*   *You cannot save phone numbers already in your Contacts or from calls identified as* No ID *or* Restricted.

Prepending a Number From Call History

If you need to make a call from the Call History and you are outside your local area code, you can add the appropriate prefix by prepending the number.

1. Select a Call History entry and press [MENU/OK].

2. Press *Options* (right softkey) > *Prepend*.

3. Enter the prefix and press [TALK] to call the number.

Erasing Call History

To erase individual Call History entries, see "Call History Options" on page 54.

To erase a specific Call History entry:

1. Press *Menu > Call History*.

2. Highlight an entry and press *Options* (right softkey) > *Delete*.

3. If you are certain you want to erase the entry, select *Yes* and press [MENU OK].

   – or –

   Select *No* to return to the previous menu.

To erase all Call History entries:

1. Press *Menu > Call History*.

2. Highlight an entry and press *Options* (right softkey) > *Delete All*.

3. If you are certain you want to erase all Call History entries, select *Yes* and press [MENU OK].

   – or –

   Select *No* to return to the previous menu.

Contacts

- *Adding a New Contacts Entry (page 57)*
- *Contacts Entry Options (page 58)*
- *Editing a Contacts Entry (page 58)*
- *Adding a Phone Number to a Contacts Entry (page 59)*
- *Editing a Contacts Entry's Phone Number (page 59)*
- *Erasing a Contact (page 59)*
- *Assigning Speed Dial Numbers (page 60)*
- *Selecting a Ringer Type for an Entry (page 61)*
- *Finding Contacts Entries (page 61)*

Your phone's Contacts list helps you stay in touch with family, friends, and colleagues by keeping track of all their contact information. This section explains how to use your phone's Contacts list.

Adding a New Contacts Entry

Your phone can store up to 500 Contacts entries. Contacts entries can store up to a total of five phone numbers, and each entry's name can contain 20 characters.

1. Press *Contacts* (right softkey) or press *Menu > Contacts*.

2. Select *Add New* and press [MENU/OK].

3. Enter a name for the new entry and press the navigation key down. (See "Entering Text" on page 27.)

4. Enter the phone number for the entry and press [MENU/OK].

Shortcut	*Enter the phone number in standby mode and press* **Save** *(left softkey). Proceed with steps 5–6.*

5. Select a label for the entry (*Mobile*, *Home*, *Office*, *Pager*, or *Others*) and press [MENU/OK].

6. Press *Done* (left softkey).

After you have saved the number, the new Contacts entry is displayed. (See "Contacts Entry Options" on page 58.)

Contacts Entry Options

To display the details for a Contacts entry:

1. Press *Contacts* (right softkey) or press *Menu* > *Contacts*.

2. Highlight an entry and press 🔑.

Tip	You can view the next entry by pressing the navigation key right or view the previous entry by pressing the navigation key left.

To access a Contacts entry's options:

▶ Highlight or display an entry and press *Options* (right softkey) > *Edit*. Select an option and press 🔑.

   ■ *[Contact Image]* to edit the image associated with the contact entry.

   ■ *[Contact Name]* to edit the contact entry name.

   ■ *[Current number]* to edit the entry phone number. (See "Editing a Contacts Entry's Phone Number" on page 59.)

   ■ *[Add Number]* to add a phone number to the entry. (See "Adding a Phone Number to a Contacts Entry" on page 59.)

   ■ *[Email]* to add an email address to the entry.

   ■ *[URL]* to add a Web site's URL to the entry.

   ■ *[Nickname]* to add a nickname to the entry.

   ■ *[Memo]* to add a note, address, or other information.

   ■ *[Default Ringer]* to assign a preprogrammed or downloaded ringer.

Editing a Contacts Entry

1. Highlight a Contacts entry.

2. Press *Options* > *Edit* to display the Edit Entry menu.

3. Select the information field you wish to edit (*Name*, *Ringer*, etc.) and press 🔑.

4. Add or edit the information and press 🔑.

5. Press *Done* (left softkey) to save your changes.

Adding a Phone Number to a Contacts Entry

1. Highlight a Contacts entry. (See "Finding Contacts Entries" on page 61.)

2. Select *Options > Edit > <Add Number>*.

3. Enter the new phone number and press [MENU OK].

4. Select a label for the entry (*Mobile*, *Home*, *Office*, *Pager*, or *Others*) and press [MENU OK].

5. Press *Done* (left softkey) to save the new number.

Editing a Contacts Entry's Phone Number

1. Highlight a Contacts entry. (See page 61.)

2. Press *Options > Edit*, select an existing number, and then press [MENU OK].

3. Press [BACK] to clear one digit at a time, or press and hold [BACK] to erase the entire number.

4. Re-enter or edit the number and press [MENU OK].

5. After editing the number, press *Options* (right softkey) *> Set # Type.*

6. Select a new label for the number and press [MENU OK].

7. Press *Done* (left softkey) to save the number.

Erasing a Contact

1. Highlight a Contacts entry. (See page 61.)

2. Press *Options > Erase*.

3. Select *Yes* and press [MENU OK].

Assigning Speed Dial Numbers

Your phone can store up to 99 phone numbers in speed dial locations. (For details on how to make calls using speed dial numbers, see "Using Speed Dialing" on page 26.)

You can assign speed dial numbers when you add a new Contacts entry, when you add a new phone number to an existing entry, or when you edit an existing number.

To assign a speed dial number to a new phone number:

1. Add a phone number to a new or an existing Contacts entry. (See "Adding a New Contacts Entry" on page 57 or "Adding a Phone Number to a Contacts Entry" on page 59.)

2. Highlight the recently added number and press *Options* (right softkey) > *Settings* > *Speed Dial*.

3. Select an available (unassigned) speed dial location and press *Assign* (left softkey). (A confirmation is displayed.)

4. Highlight the entry again and press *Ok* (left softkey). (If your entry contains more than one number, select the number and press *Assign* (left softkey).

5. Press [BACK] to return to the Contacts menu.

To assign a speed dial number to an existing phone number:

1. Highlight a Contacts entry. (See "Finding Contacts Entries" on page 61.)

2. Press *Options* > *Edit* to display the Edit Entry menu.

3. Select a phone number and press *Options* (right softkey) > *Set Speed Dial*.

4. Select an available speed dial location (or enter a location using your keypad) and press *Assign* (left softkey) or press [MENU/OK]. (The new speed dial entry is then assigned.)

5. Press *Done* (left softkey) to save the updates and return to the Contacts menu.

| Note | If you attempt to assign an already in-use speed dial location to a new phone number, a message will appear asking if you wish to replace the existing speed dial assignment. Press Yes to assign the location to the new phone number and delete the previous speed dial assignment. |

Selecting a Ringer Type for an Entry

Assign a ringer type to a Contacts entry so you can identify the caller by the ringer type. (See "Ringer Types" on page 32.)

1. Highlight a Contacts entry.

2. Press *Options* > *Edit* to display the Edit Entry menu.

3. Select the current ring type and press 🔲 to display the Ringer Type menu.

4. Select a ringer menu, such as *Default*, *Ring Tones*, *Melodies*, or *My Content* for downloaded ringers.

5. Scroll through available ringers. (When you highlight a ringer type, a sample ringer will sound.)

6. Select a ringer and press 🔲.

7. Press *Done* (left softkey) to save the new ringer type.

Finding Contacts Entries

There are several ways to display your Contacts entries: by name, by speed dial number, by group, and by voice dial tags. Follow the steps outlined in the sections below to display entries from the Contacts menu.

Finding Contacts by Name

1. Press *Contacts* (right softkey) or press *Menu* > *Contacts*.

2. Scroll through all the entries.

   – or –

   Within the *Find* field, enter the first letter of a name or part of a name (such as "Dav" for "Dave"). (The more letters you enter, the more your search narrows.)

3. To display the details for an entry, select it and press 🔲.

4. To dial the entry's default phone number, press 📞.

   – or –

   To display additional Contacts entries, press the navigation key (🔄) left or right.

Shortcut	*From standby mode, press the right softkey to display the* **Find** *feature.*

Finding Speed Dial Numbers

1. Press *Menu* > *Contacts*. (See "Assigning Speed Dial Numbers" on page 60.)

2. Highlight *Add New* and press *Options* (right softkey) > *Settings* > *Speed Dial*.

3. Scroll through speed dial entries. Speed dial numbers are displayed in numeric order.

   – or –

   Enter the number of a speed dial location using your keypad.

   Note | *Speed Dial location 1 is reserved for voicemail access.*

4. To display the details of an entry, highlight it and press 🔲.

5. To dial the entry's default phone number, press 📞.

   – or –

   To display additional Contacts entries, press the navigation key left or right.

Finding Group Entries

1. Press *Menu* > *Contacts.*

2. Highlight *Add New* and press *Options* (right softkey) > *Settings* > *Group*.

3. Scroll through the group titles.

4. To display entries belonging to a group, select the group and press 🔲.

5. Scroll through the group to select an entry.

6. To dial the entry's default number, press 📞.

Scheduler and Tools

- ♦ *Scheduler (page 63)*
- ♦ *Alarm Clock (page 65)*
- ♦ *Memo Pad (page 66)*
- ♦ *Calculator (page 67)*
- ♦ *Task List (page 67)*
- ♦ *Countdown (page 68)*
- ♦ *World Time (page 68)*
- ♦ *Self-Service (page 69)*
- ♦ *Updating Phone Software (page 69)*
- ♦ *Updating the PRL (page 69)*

Your phone is equipped with several personal information management features that help you manage your busy lifestyle. This section shows you how to use these features to turn your phone into a time management planner that helps you keep up with your contacts, schedules, and commitments.

Scheduler

Adding an Event to the Scheduler

Your Scheduler helps you organize your time and reminds you of important events.

1. Press *Menu > Tools > Scheduler*.

2. Select the day to which you would like to add an event and press *Options* (right softkey) > *Add New*.

Tip   *Press the navigation key up or down to scroll by week through the Scheduler.*

3. Enter the event title and press *Next* (left softkey). (See "Entering Text" on page 27.)

4. Select a time for the event by highlighting the time field and pressing ![MENU OK].

   ▪ Using your keypad or navigation key, set the start and end times for the event and press ![MENU OK].

   ▪ Change the AM/PM entry by highlighting it and pressing ![2 ABC] for AM and ![7 PQRS] for PM.

5. Select an alarm time for the event by highlighting the alarm field and pressing [MENU/OK].

   ■ Select *No Alarm*, *On Time*, *10min before*, *30min before*, or *1 Hr before* and press [MENU/OK].

6. Set additional options as available, such as *Ringer Type*.

7. When you are finished, press *Done* (left softkey) to save the event.

Event Alert Menu

When your phone is turned on and you have an event alarm scheduled, your phone alerts you and displays the event summary. There are several ways your phone alerts you to scheduled events:

● By playing the assigned ringer type.

● By illuminating the backlight.

● By flashing the LED on the front of the outer LCD.

To silence the alarm and reset the schedule, press [MENU/OK].

To view additional options, press the appropriate softkey:

● *Snooze* (left softkey) silences the alarm and schedules it to replay again in 10 minutes.

Viewing Events

1. Press *Menu* > *Tools* > *Scheduler*.

2. Select the day for which you would like to view events and press [MENU/OK]. (If you have events scheduled for the selected day, they will be listed in chronological order.)

Tip   *In the scheduler view, days with events scheduled are underlined.*

3. To display an event's details, highlight it and press [MENU/OK].

Going to Today's Scheduler Menu

▶ Press *Menu* > *Tools* > *Today*.

Editing an Event

1. Press *Menu* > *Tools* > *Scheduler*.

2. Select the day containing the previously created event and press [MENU/OK]. (Days containing an event are indicated within a red box.)

3. Highlight the event from the list and press [MENU/OK].

4. Press *Options* (right softkey) > *Edit*. Follow the onscreen procedures to alter any of the previously configured fields. See "Adding an Event to the Scheduler" on page 63.

Erasing a Day's Events

1. Press *Menu* > *Tools* > *Scheduler*.

2. Select the day for which you would like to erase.

> *Tip*   *In the scheduler view, days with events scheduled are underlined.*

3. Press *Options* > *Erase All*. (An alert will be displayed notifying you that you are about to erase all events.)

4. Select *Yes* or *No* and press [MENU/OK].

> *Note*   *If the day for which you are erasing events contains a repeating event, you will receive the following prompt: "This is a recurring event <event name>." Select* **Erase this** *to erase a single occurrence,* **Erase all** *to erase all occurrences of the event, or* **Cancel** *to cancel the deletion of the repeating event.*

Erasing a Single Event

1. Press *Menu* > *Tools* > *Scheduler*.

2. Select the day for which you would like to erase and press [MENU/OK].

3. Select an event from the list and press *Options* > *Erase*.

Alarm Clock

Your phone comes with a built-in alarm clock that has multiple alarm capabilities.

1. Press *Menu* > *Tools* > *Alarm Clock*.

2. Select *Alarm #1*, *Alarm #2*, or *Alarm #3* and press [MENU/OK].

3. Turn the alarm on or off by selecting the activation field and pressing [MENU/OK].

- Select *On* or *Off* and press [MENU/OK].

4. Select a time for the alarm by selecting the *Time* field and pressing [MENU].

   ■ Using your keypad and/or navigation key, set the alarm time and press [MENU].
   ■ Change the AM/PM entry by highlighting it and pressing [2ABC] for AM and [7PQRS] for PM.

5. Select a ringer type for the alarm by selecting the *Ringer Type* field and pressing [MENU].

6. Select a repeating status for the alarm by selecting the *Repeat* field and pressing [MENU].

   ■ Highlight *Daily*, *Once*, *Mon to Fri*, or *Sat&Sun* and press [MENU].

Memo Pad

Your phone comes with a memo pad that you can use to compose and store reminders and notes to help keep you organized.

To compose a note:

1. Press *Menu > Tools > Memo Pad > Options > Add New*.

Note	If there are no memos saved, the **New Memo** screen is automatically displayed.

2. Type your note using the keypad and press [MENU]. (See "Entering Text" on page 27.)

To read a saved note:

1. Press *Menu > Tools > Memo Pad*.

2. Select a note and press [MENU].

To edit a note:

1. Press *Menu > Tools > Memo Pad*.

2. Select a note and press [MENU].

3. Press *Options* (right softkey) > *Edit*.

4. Press [BACK] to erase a single character. Press and hold [BACK] to erase an entire word.

5. Type your note using the keypad and press [MENU]. (See "Entering Text" on page 27.)

To delete saved notes:

1. Press *Menu* > *Tools* > *Memo Pad*.

2. Select a note and press [MENU/OK].

3. Press *Options* (right softkey) > *Erase*.

Calculator

Your phone comes with a built-in calculator.

1. Press *Menu* > *Tools* > *Calculator*.

2. Enter numbers using your keypad.

   - Press [*Shift] to enter decimal points.
   - Press [#Space] to change the sign from positive to negative.
   - Press *Clear* (right softkey) to clear all numbers.

3. Press [MENU/OK] for the total.

Task List

This option allows you to manage daily tasks that include dates, times, and priority levels.

1. Press *Menu* > *Tools* > *Task List*.

Note	If there are no tasks saved, the **New Task** screen is automatically displayed.

2. Press *Options* (right softkey) > *Add New*.

3. Enter the task name using the keypad and press [MENU/OK].

4. Select a due time by highlighting the *Due Time* field.

   - Using your keypad and/or navigation key, set the alarm time and press [MENU/OK].
   - Change the AM/PM entry by highlighting it and pressing [2ABC] for AM and [7PQRS] for PM.

5. Select a due date by highlighting the *Due Date* field.

   - Using your keypad and/or navigation key, set the date and press [MENU/OK].

Scheduler/Tools

6. Select a priority level by highlighting the *Priority* field.

- Press the navigation key left or right to select *Low* or *High*.

7. Press *Done* (left softkey) to save and exit.

Countdown

This option allows you to enter a timer that counts down to an event based on a date and time specified.

1. Press *Menu > Tools > Countdown.*

Note	*If there are no countdowns saved, the* **New Countdown** *screen is automatically displayed.*

2. Press *Options* (right softkey) > *Add New*.

3. Enter the countdown name using the keypad and press [MENU/OK].

4. Select a time by highlighting the *Input Time* field.

- Using your keypad and/or navigation key, enter the time of the countdown and press [MENU/OK].
- Change to the AM/PM entry by highlighting it and pressing [2abc] for AM and [7pqrs] for PM.

5. Select a date by highlighting the *Input Date* field.

- Using the keypad, enter the date of the countdown.

6. Press *Done* (left softkey) to save and exit.

World Time

To view the time in over 24 different locations:

1. Press *Menu > Tools > World Time*.

2. Press the navigation key left or right to scroll through different cities and time zones.

3. Press *Options > DST Setting* to turn daylight saving time on or off. (Highlight *On* and press [MENU/OK].)

Self-Service

If the phone has been previously activated, Self-Service is a feature used to connect you to the account management service. If your carrier supports this feature, you will be presented with options to manage personal account activities directly on the phone without calling customer care.

Activating Self-Service

1. Press *Menu > Tools > Self-Service > Yes* (left softkey).

2. Follow the onscreen prompts and select the available options.

Updating Phone Software

The update phone option allows you to download and update the software in your phone automatically. Only the internal software is updated; no Contacts entries or other information saved to your phone will be deleted.

1. Press *Menu > Tools > Update Phone > Update Firmware*.

2. Follow the onscreen instructions.

Updating the PRL

This option allows you to download and update the PRL (preferred roaming list) automatically.

1. Press *Menu > Tools > Update Phone > Update PRL*.

2. Follow the onscreen instructions.

Voice Services

- ♦ *Automatic Speech Recognition (ASR) (page 70)*
- ♦ *Look Up a Contacts Entry (page 72)*
- ♦ *Accessing Your Voicemail (page 72)*
- ♦ *Managing Voice Memos (page 72)*

Your phone's Voice Services let you place calls using your voice and store voice reminders right on your phone. This section includes easy-to-follow instructions for using voice-activated dialing.

Note	*The Voice Service feature can be used to dial previously stored phone numbers (since the application recognizes these saved names.)*

Automatic Speech Recognition (ASR)

You can use a voice dial tag to automatically dial a phone number in your Contacts. (A voice dial tag is a command you record and use to place calls without using the keypad.)

Making a Call Using Automatic Speech Recognition

1. Press and hold [TALK].

2. Follow the voice prompts and recite the entry's voice dial tag into the microphone.

3. If the matching Contacts entry has more than one number, say the name of the label associated to the desired phone number.

Tip	*Record voice dial tags in a quiet environment and without the aid of an accessory (for example, a headset or hands-free car kit).*

Tips for Using Voice Dial

● Voice Dial works best in quieter environments.

● When saying a name, speak at a normal speed and say the name clearly. There is no need to pause between the first name and last name.

Enabling or Disabling Digit Dial Choice Lists

You can customize whether the Digit Dial feature displays the list of top voice recognition choices or automatically dials the first number, without displaying a choice list.

To enable or disable choice lists for Digit Dial:

1. Press *Menu* > *Settings* > *More...* > *Accessibility* > *Voice Service* and press .

2. Select *Choice Lists* and press .

3. Press the navigation key up or down to select *Automatic*, *Always On*, or *Always Off* and press .

Calling Contacts Entries

1. Press and hold .

2. Say the name used for the number you wish to call. For example, say "*John.*" The phone dials the number stored for the contact "*John.*"

If the location recognized or the name does not have a number stored in Contacts, your phone will play the message "*No match found,*" and then return you to the previous screen.

If there are multiple matching contacts, the phone prompts you with "*Did you say?*" and displays a list of possible contacts. You can select a contact by saying it or by using your keypad.

If there are multiple numbers stored for the contact, the phone prompts you with "*Which number?*" and displays a list of options. You can select an option by saying it or by using your keypad.

Look Up a Contacts Entry

Look up and display contact information for any person stored in your Contacts list by saying "*Contacts*," followed by the name.

1. Press and hold [TALK].

2. Say the name of the contact.

If you say only "*Contacts*," your phone takes you to the Contacts menu.

Accessing Your Voicemail

Access your voicemail messages and settings quickly and easily.

1. Press and hold [TALK] to activate voice recognition. (The phone prompts you to say a voice command.)

2. Wait for the beep and say "*Voice Mail*."

3. Use your navigation key to highlight *Call Voicemail* and press [MENU/OK].

To clear your voicemail icon:

1. Press and hold [TALK] to activate voice recognition. (The phone prompts you to say a voice command.)

2. Wait for the beep and say "*Voice Mail*."

3. Use your navigation key to highlight *Clear Envelope* and press [MENU/OK].

Managing Voice Memos

Use your phone's Voice Services to record brief memos to remind you of important events, phone numbers, or grocery list items.

Recording Voice Memos

To record a voice memo:

1. Press and hold [TALK] to activate voice recognition. (The phone prompts you to say a voice command.)

2. Wait for the beep and say "*Voice Memo*."

3. Start recording the memo after the beep.

To record a voice memo from the main menu:

1. Press *Menu* > *Voice Kit* > *Voice Memo* > *Record*.

2. Begin recording after the prompt.

To end the recording of your memo:

▶ Press 🔘, or press *Finish* (right softkey). (To cancel the recording, press [BACK] or [END].)

To record a conversation during a phone call:

1. During a call, press *Options* (right softkey) > *Voice Memo*. (A one-minute counter [🔘🔘] is displayed on the screen indicating the amount of time a single voice memo can be recorded.)

| Note | Only incoming audio is recorded when Voice Memo is selected during a call. |

To end the recording of your conversation:

▶ To pause the memo, press *Pause* (left softkey). To resume the recording, press *Resume* (left softkey).

– or –

To finish recording, press *Finish* (right softkey).

| Note | A total of 10 one-minute memos can be recorded and saved. |

Voice Memo Options

To play the voice memos you have recorded:

1. Press *Menu* > *Voice Kit* > *Voice Memo*.

2. Select *Review* and press 🔘. (The phone displays a list of saved memos, with the first one selected.)

3. Highlight a memo and press 🔘.

– or –

Press the number corresponding to the memo you want to review.

| Note | Voice Memos recorded from a direct phone conversation are shown in the list with the phone number used during the recording process and an adjacent phone icon. |

Erasing Voice Memos

To erase an individual memo:

1. Press *Menu* > *Voice Kit* > *Voice Memo*.

2. Select *Review* and press [MENU/OK].

3. Highlight a memo and press *Options* (right softkey) > *Erase*.

4. Select *Yes* and press [MENU/OK].

To erase all voice memos:

1. Press *Menu* > *Voice Kit* > *Voice Memo* > *Review*.

2. Press *Options* (right softkey) > *Erase All*.

3. Select *Yes* and press [MENU/OK].

> *Note* *The Erase All option only appears when there are two or more voice memos stored on the phone.*

Editing a Voice Memo Caption

By default, the caption assigned to a voice memo is a sequential file name which consists of the date (Month_Day) followed by the memo number. For example, two memos recorded on February 2, 2009, would be listed as: Feb_02x1 and Feb_02x2. These file names (captions) can be changed.

> *Note:* *In the case of a Voice Memo recorded from a direct phone conversation, the filename consists of the phone number used during the recording process.*

To edit a voice memo caption:

1. Press *Menu* > *Voice Kit* > *Voice Memo*.

2. Select *Review* and press [MENU/OK]. (The phone displays a list of saved memos, with the first one selected.)

3. Highlight the desired memo to erase and press *Options* (right softkey) > *Edit Caption*.

4. Press [BACK] to delete the previous text and then use the keypad to enter a new caption for the selected memo.

5. Press *Save* (left softkey) to save the memo with the new caption text.

Viewing the Information for a Voice Memo

To view the information for a recorded voice memo:

1. Press *Menu* > *Voice Kit* > *Voice Memo*.

2. Select *Review* and press 🔳. (The phone displays a list of saved memos, with the first one selected.)

3. Highlight a memo and press *Options* (right softkey) > *Info*.

Camera

- *Taking Pictures (page 76)*
- *Settings and Info (page 81)*
- *Storing Pictures (page 81)*
- *Sending Pictures (page 84)*
- *Managing Pictures (page 86)*

Your phone's built-in camera gives you the ability to take full-color digital pictures, view your pictures using the phone's display, and instantly send them to family and friends. It's fun, and it's as easy to use as a traditional point-and-click camera: just take a picture, view it on your phone's display, and send it from your phone to up to 10 people.

Taking Pictures

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the lens, and pressing a button. You can activate the phone's camera mode whether the phone is open or closed.

To take a picture with the phone open:

1. Press *Menu > Pictures > Camera* to activate camera mode. (Additional camera options are available through the camera mode Options menu. See "Camera Mode Options" on page 79 for more information.)

Shortcut	To activate camera mode, you can also press the camera key twice, or press and hold the side camera key. (See illustration on page 8.)

2. Using the phone's main display screen as a viewfinder, aim the camera lens at your subject.

Resolution   Zoom   Picture Saved/Available

Display Image

Capture

Camera Options

3. Press *Capture* (left softkey), [MENU/OK], or the side camera button until the shutter sounds. (The picture will automatically be saved in your selected storage area.)

   ▪ To return to camera mode to take another picture, press the camera button.

4. Once you've taken your picture, press *Next* (right softkey) for more options:

   ▪ *Send Pic* to send the picture to up to 10 contacts at one time. (See page 84 for details.)

   ▪ *Upload* to upload the picture you just took to the picture messaging Web site (*www.plspictures.com*). Depending on your settings, you may be prompted to accept a data connection.

   ▪ *Assign* to assign the picture as a Picture ID, Screen Saver, or Incoming Call.

   ▪ *Erase* to delete the picture you just took.

   ▪ *Camera Mode* to return to the camera to take additional pictures.

   ▪ *Review Pictures* to go to the My Pictures folder to review your saved pictures.

Camera

To take a picture with the phone closed:

When the phone is closed, the keys are locked to prevent accidental activation. To use the side camera button, the key guard must first be deactivated and the side keys unlocked.

1. Press and hold both the Volume and side camera buttons simultaneously to unlock the side keys and deactivate the key guard feature. (You will see "Key Guard Off" once the keys are unlocked.)

2. Press and hold the side camera button to activate camera mode. (You will see the camera image once the camera is activated.)

3. Point the camera lens at your subject. (You can check the picture framing through the external display screen.)

Note	When taking a picture with the phone closed, the subject image is displayed in reverse on the external display. The captured image will not be saved in reverse.

4. Press the side camera button to take the picture. (The picture will automatically be saved in your selected storage area.)

Registering Your Picture Messaging Account

The first time you use any of the picture management options involving the picture messaging Web site, you will be prompted to register your picture messaging account and establish a password through your phone. This password will also allow you to sign in to the picture messaging Web site at *www.plspictures.com* to access and manage your uploaded pictures and albums.

1. Press *Menu > Pictures > Online Albums > View Albums*. (You will be prompted to register your picture messaging account.)

Note	If your service plan does not include picture messaging, you will first be prompted to subscribe to the service for an additional monthly charge.

2. If you are asked to connect, follow the onscreen procedures to *Connect*, turn data *On* and press [MENU/OK]. (Follow any registration prompts and complete your connection.)

3. Enter a password for your picture messaging account and press [MENU/OK]. (You will be prompted to confirm your password.)

4. Please wait while the system creates your account.

> *Tip*　*Write down your picture messaging password and keep it in a secure place.*

Once you have received confirmation that your account has been successfully registered, you may upload and share pictures and access the picture messaging Web site.

Camera Mode Options

When the phone is open and in camera mode, press *Options* (right softkey) to display additional camera options:

- *Self Timer* to activate the camera's timer. (See "Setting the Self Timer" on page 79 for details.)

- *Fun Tools* to select an option from the following:

  - *Fun Frames* to select your favorite fun picture frame to decorate your picture (*Off, Love Letter, Merry Christmas, Movie Star, Top Secret, Dollar, Memories, Robinhood, Roses for Love, Love, Stars,* or *Beans*). (The default setting is *Off*.)

  - *Color Tones* to select a wide variety of color tones for the picture (*Auto, Negative, Sepia, Emboss, Aqua, Monochrome,* or *Sketch*). (The default setting is *Auto*.)

- *Controls* to select an option from *Brightness*, *White Balance*, or *Night Shot*.

  - *Brightness* to adjust the image brightness level. Press the navigation key right (increase) or left (decrease) to select a setting. (The default setting is *0*.)

  - *White Balance* to adjust white balance based on changing conditions (*Auto, Sunny, Cloudy, Tungsten, Fluorescent,* or *Manual*). (The default setting is *Auto*.)

  - *Night shot* to activate low light image capture. Enabling this feature allows you to take better quality photos in low light conditions.

- *Settings* to select *Resolution*, *Quality*, *Shutter Sound*, or *View Mode*. (See page 80 for details.)

- *Review Pictures* to go to your phone's My Pictures folder.

Setting the Self Timer

1. From camera mode, press *Options* (right softkey) > *Self Timer*.

2. Highlight the length of delay you want the timer to use (*5 Sec* or *10 Sec*) and press [MENU/OK]. (The default setting is *Off*.)

3. Press *Start* (left softkey) when you are ready to start the timer. (The timer is displayed on the upper-right portion of the main LCD during the self-timer countdown.)

4. Get ready for the picture. (The phone will begin to beep for each second of the countdown. When the timer is down to three seconds, the outer LED will go from blinking to solid red just before the picture is taken.)

To cancel the self-timer after it has started:

▶ Press *Cancel* (right softkey).

> *Note* *While the self-timer is active, all keys are disabled except* **BACK** *and the right softkey (*Cancel*).*

Using the Zoom

This feature allows you to zoom in on an object when you take a picture. Depending on your resolution settings, you can adjust the zoom from 1x to 10x.

1. From camera mode, repeatedly press the navigation key left to zoom out and right to zoom in. It may take several presses to get the desired zoom.

2. Press *Capture* (left softkey), 🔲, or the side camera button to take the picture. (The picture will automatically be saved in your selected storage area.)

> *Note* *Zoom is not available when the resolution is set to the highest level (*High: 640x480*). See "Selecting Camera Settings" below.*

Selecting Camera Settings

1. From camera mode, press *Options* > *Settings*.

2. Select an option and press 🔲:

   ▪ *Resolution* to select a picture's file size (*High: 640x480*, *Med: 320x240*, or *Low: 224x168*).

   ▪ *Quality* to select the picture quality setting (*Fine*, *Normal*, or *Economy*).

   ▪ *Shutter Sound* to select a shutter sound (*Shutter 1-3* or *Off*).

   ▪ *View Mode* to view your pictures in *Full Screen* or *Wide Screen*.

Settings and Info

This menu allows you to configure where pictures are saved, view your account information, or set the view between portrait or landscape mode.

To access the settings and info menu:

1. Press *Menu* > *Pictures* > *Settings and Info*.

2. Select one of the following options and press <img>.
   - *Account Info* to display your current account settings via an online connection.
   - *View Mode* to select *Full Screen* (portrait mode) or *Wide Screen* (landscape mode) when viewing pictures.

Storing Pictures

Your phone's picture and video storage area is called My Pictures. There are two types of folders in My Albums:

- *In Camera* (See "In Camera Folder" on page 81.)
- *Online Albums* (See "Online Albums" on page 83.)

In Camera Folder

Your phone's internal storage area is called the In Camera folder. From the In Camera folder, you can view all the pictures you have stored there, send items to the picture messaging site (*www.plspictures.com*), delete files, and access additional options.

To review your stored pictures and videos in the In Camera folder:

1. Press *Menu* > *Pictures* > *My Pictures* > *In Camera*.

2. Use your navigation key to view and scroll through the pictures.
   - Images within the In Camera folder that have been uploaded to the picture messaging site display <img>.
   - Images within the In Camera folder that have been downloaded from the picture messaging site display <img>.

In Camera Folder Options

When you are viewing the In Camera folder, press *Options* (right softkey) to display the following options:

● *Upload* to upload pictures to the picture messaging Web site (*www.plspictures.com*). (Depending on your settings, you may be prompted to accept a data connection.) Choose from the following options:

   ▪ *Upload This* to upload the currently highlighted picture.

   ▪ *Upload Selection* to upload the previously selected items. Press <img_ref> to select an item. (The check box on the upper left corner of the image will be marked.)

   ▪ *Upload All* to upload all pictures in the In Camera folder.

Note	If this is the first time you have accessed picture messaging, you will be prompted to register your picture messaging account. See "Registering Your Picture Messaging Account" on page 78.

● *Assign* to assign the current image as a Picture ID, Screen Saver, or Incoming Call.

● *Save To Phone* to save images from the In Camera folder into the phone memory for use in assigning images to contacts, screen savers, etc.

● *Edit Caption* to edit the title associated with the image.

● *Erase* to erase the image or selected images.

Note	Deleting pictures will free up memory space in your phone to enable you to take more pictures. Once deleted, pictures cannot be uploaded to your online picture messaging account.

● *Picture Info* to display the list of albums saved in your phone.

● *Camera Mode* to switch back to the camera mode.

● *Expand* to enlarge the image so that it is displayed on the entire screen.

● *Send Pic* to attach the picture to an outgoing message.

Saved to Phone Folder

Once a picture is taken, it is automatically saved to the In Camera folder, but the picture can then be moved to a separate My Pictures subfolder called Saved to Phone. From this folder, you can also view all of the pictures you have saved, store additional images into this folder, send pictures to the picture messaging Web site (*www.plspictures.com*, delete images, and access additional picture options.

Note	The **Saved to Phone** folder is a separate storage location from the In Camera folder, and it is similar to the Memory Card folder found on some other phones.

To move pictures to the Saved to Phone folder:

1. Press *Menu* > *Pictures* > *My Pictures* > *In Camera*.

2. Use your navigation key to highlight a picture, select it by pressing [MENU/OK], and then press *Options* (right softkey).

3. Select *Save To Phone* and press [MENU/OK].

To review pictures in the Saved to Phone folder:

1. Press *Menu* > *Pictures* > *My Pictures* > *Saved to Phone*.

2. Use your navigation key to scroll through and view the pictures.

Saved To Phone Folder Options

When you are viewing the Saved To Phone folder, press *Assign* (left softkey) to assign the current image as a Picture ID, Screen Saver or Incoming Call or press *Options* (right softkey) to display the following options:

● *Edit Caption* to edit the title associated with the image.

● *Erase* to erase the image or selected images.

● *Picture Info* to display the list of albums saved in your phone.

● *Camera Mode* to switch back to the camera mode.

● *Expand* to enlarge the image so that it is displayed on the entire screen.

Online Albums

Once a picture is taken, it is automatically saved to the *In Camera* folder. Alternatively, you can save pictures to your Online Albums folder. From the Online Albums folder, you can view all the pictures you have taken, move selected images to your In Phone folder, delete images, and access additional picture options.

> *Note* | *Before you can use the Online Albums folder, you must first go online and create a picture messaging account and password.*

To review pictures in the Online Albums folder:

1. Press *Menu* > *Pictures* > *Online Albums* > *View Albums*.

2. Use your navigation key to scroll through and view the pictures.

Sending Pictures

Once you have taken a picture, you can use the messaging capabilities of your phone to instantly share it with family and friends. You can send a picture to up to 10 people at a time using their email addresses or their phone numbers.

Sending Pictures From the In Camera Folder

1. Press *Menu* > *Pictures* > *My Pictures* > *In Camera*.

2. Select a picture to send and press [MENU/OK]. (The check box in the upper left corner will be marked. You can select multiple pictures and videos.)

3. Press *Send Pic* (left softkey). (You will see a message.)

Note	*The first time you send a picture, you will be prompted to register your picture messaging account. (See "Registering Your Picture Messaging Account" on page 78.)*

4. Select an option and press [MENU/OK]:

   - *Phone #* to enter a mobile phone number directly and press [MENU/OK].
   - *Email* to enter an email address directly and press [MENU/OK].
   - *Contacts* to select recipients from your Contacts. Select a recipient and press [MENU/OK].
   - *Other SVC.* to choose from a list of other services such as *Help*, *Retail Pickup*, or *CEIVA*. Select a service and press [MENU/OK]. This option is dependant on service support.
   - *Update List* to query the server and update the contents of the Send To list.

5. Press *Next* (left softkey) when you are finished adding recipients. (You may include up to 10 recipients per message.)

6. To include a subject, scroll to *Subject* and select *Add* (right softkey). Enter your subject using the keypad and press *Save* (left softkey) to save and exit.

7. To include a text message, scroll to the *Text* field and press *Add* (right softkey). Enter your message using your keypad (or press *Options* [right softkey] to select from *Preset Messages* or *Recent Messages*) and press [MENU/OK]. (See "Entering Text" on page 27.)

8. To include an audio message with the picture, highlight the box next to *Audio* and press *Record* (right softkey).

   - Press *Record* (left softkey) or press [MENU/OK] to start recording. (Maximum recording time is 10 seconds.)

9. Confirm the recipients, message, audio message, and picture.

   - To change a recipient, select the recipient, press the appropriate softkey, and follow the instructions in step 5 to select or edit the recipient.
   - To change the text message, scroll to *Text* and press the appropriate softkey.
   - To change the voice memo, highlight *Audio* and press the appropriate softkey.
   - To change the attached picture(s), select the current thumbnail picture and press *Change* (right softkey).
   - Highlight the picture you wish to send and press [MENU/OK].

10. Press *Send* (left softkey) to send the message.

Sending Pictures From Messaging

You can also send pictures from your phone's Messaging menu.

1. Press *Menu > Messaging > Send Message > Picture Messaging.*

2. Select the location of the image *In Camera* or *New Picture* and press [MENU/OK].

3. Highlight a picture you wish to send and press [MENU/OK]. (The check box on the upper left corner will be marked. You can select multiple pictures.)

4. Press *Next* (left softkey).

5. Select *Phone #*, *Email*, *Contacts*, or *Other SVC.* and press [MENU/OK].

6. Select a contact, or enter a wireless phone number or enter an email address using the keypad, and press *OK* (left softkey).

7. To complete and send the message, follow steps 6–10 in "Sending Pictures From the In Camera Folder" on page 84.

Managing Pictures

Using the Picture Messaging Web Site

Once you have uploaded pictures or videos to your online picture messaging account at *www.plspictures.com* (see "In Camera Folder Options" on page 82), you can use your computer to manage your pictures. From the picture messaging Web site, you can share pictures, edit album titles, add captions, and organize images. You can even send your pictures to be printed at participating retail locations.

You will also have access to picture management tools to improve and customize your pictures. You'll be able to lighten, darken, crop, add antique effects, add comic bubbles and cartoon effects, and use other features to transform your pictures.

To access the picture messaging Web site:

1. From your computer's Internet connection, go to *www.plspictures.com*.

2. Enter your phone number and picture messaging password to register. (See "Registering Your Picture Messaging Account" on page 78.)

Managing Online Pictures From Your Phone

Use your phone to manage, edit, or share pictures you have uploaded to the picture messaging Web site at *www.plspictures.com*. (See "In Camera Folder Options" on page 82 for information about uploading.)

To view your online pictures from your phone:

1. Press *Menu > Pictures > Online Albums > View Albums*. (Depending on your settings you may be prompted to accept a data connection.) (The My Uploads folder and your albums are displayed.)

2. Select *Uploads* or an album title and press 🔘 to display. (Thumbnail pictures, up to nine per screen, are displayed.)

Tip	To expand a selected picture from thumbnail to full-screen, press **Expand** *(left softkey)*.

3. Select a picture and press *Options* (right softkey) to display your online picture options.

Uploading Pictures

1. Press *Menu* > *Pictures* > *Online Albums* > *Upload Picture* (Thumbnail pictures will be displayed.)

2. Select the picture(s) you wish to upload by highlighting an image and pressing [MENU/OK].

3. Select *Upload* > *Upload Selection* or *Upload All* and press [MENU/OK].

4. Select *My Uploads* and press [MENU/OK].

   – or –

   Select *Other Album* and press [MENU/OK].

5. Highlight an album and press [MENU/OK] to start uploading.

Downloading Your Online Pictures

From your online albums display at *www.plspictures.com*, you can select pictures to download to your phone's In Camera folder.

1. From the online pictures display, place a check mark on the picture you wish to download and press *Options* (right softkey). (See "Managing Online Pictures From Your Phone" on page 86.)

2. Highlight *Assign* and press [MENU/OK].

3. Select one of the following options and press [MENU/OK].

   - *Picture ID* to download and assign the selected picture as a Picture ID.

   - *Screen Saver* to download and assign the selected picture as a screen saver.

   - *Incoming Calls* to download a picture and assign to incoming calls with or without caller ID.

Bluetooth

- ♦ *Turning Bluetooth On and Off (page 88)*
- ♦ *Using the Bluetooth Settings Menu (page 89)*
- ♦ *Bluetooth Profiles (page 89)*
- ♦ *Pairing Bluetooth Devices (page 90)*
- ♦ *Sending Items Via Bluetooth (page 91)*

Your phone features built-in Bluetooth technology, allowing you to share information more easily than ever before. Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

By default, your device's Bluetooth feature is turned off. Turning Bluetooth on makes your phone "discoverable" by other in-range Bluetooth devices.

To turn Bluetooth on:

1. Press *Menu > Settings > Bluetooth > On/Off*.

2. Select *On* and press [MENU/OK] to enable Bluetooth.

To turn Bluetooth off:

1. Press *Menu > Settings > Bluetooth > On/Off*.

2. Select *Off* and press [MENU/OK] to disable Bluetooth.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

 – Bluetooth is hidden.

 – Bluetooth is enabled and visible.

 – Bluetooth is connected to a device or transferring data.

Using the Bluetooth Settings Menu

The *Bluetooth Settings* menu allows you to set up many of the characteristics of your phone's Bluetooth service, including:

● Entering or changing the name your phone uses for Bluetooth communication

● Setting your phone's visibility (or "discoverability") for other Bluetooth devices

● Displaying your phone's Bluetooth address

To access the Bluetooth Settings menu:

1. Press *Menu* > *Settings* > *Bluetooth*.

2. Set your Bluetooth options.

■ Select *Visibility* > *Always Visible*, *Visible for 3 min*, or *Hidden* to set your Bluetooth visibility.

■ Select *Device Name* to rename your phone for Bluetooth.

■ Select *Device Info* to display your phone's Bluetooth profiles and address.

■ Select *Trusted Devices* to display your phone's current list of external trusted Bluetooth devices.

Bluetooth Profiles

All of the Bluetooth settings you configure are stored in your phone's Bluetooth user profiles. You can use different profiles for specific Bluetooth functions.

● *HSP: Headset Profile* – This profile functions as a wireless ear jack. When an incoming call is received, the ringer can be heard through the headset instead of through the phone. The call can then be received by pushing a button. While using the phone, you can use the headset instead of the phone by pushing a button on the headset, the same as inserting a jack into the phone. Increase or decrease the volume by using the volume key on the side of the phone.

- *HFP: Hands-Free Profile* – This profile functions as a wireless car kit. Incoming calls ring to the hands-free headset or device. Calls can be received by pressing a button on the headset or device. For dialing, four functions are supported: recent call dial, voice dial, speed dial, and number dial. Increase or decrease the volume by using the volume key on the side of the phone.

- *DUN: Dial-Up Network Profile* – This profile functions as a wireless data cable, connecting a computer or PDA to a network through your phone.

- *OPP: Object Push Profile* – This profile uses the Generic Object Exchange profile services to send data objects between devices and can be used to exchange objects like music files, pictures, calendar (vCal) and business cards (vCard).

Pairing Bluetooth Devices

Paired Devices

The Bluetooth pairing process allows you to establish trusted connections between your phone and another Bluetooth device. When devices are paired, a passkey is shared between devices, allowing for fast, secure connections while bypassing the discovery and authentication process.

Note	*Refer to the manufacturer's documentation to obtain the passkey for any other devices. In most instances, this passkey is '0000" or the last four digits of the telephone number.*

To pair your phone with another Bluetooth device:

1. Press *Menu* > *Tools* > *Bluetooth* > *Add New* > *Search*. (Your phone will display a list of discovered in-range Bluetooth devices.)

2. Select a device and press *Add to list* (left softkey).

3. Enter the passkey and press ⌨.

Waiting for Pairing

If you are going to be using a Dial-Up Network (DUN) profile to pair with a computer or PDA, you will need to allow the other device to initiate pairing with your phone.

To allow your phone to be paired with another Bluetooth device:

1. Press *Menu > Tools > Bluetooth > Add New > Wait for request.*

2. Select *Always Visible* or *Visible for 3min*.

3. Follow the onscreen prompts to enter your passkey and press [MENU OK].

Sending Items Via Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send Contacts information using your phone's Bluetooth feature.

To send a Contact via Bluetooth:

1. Press *Contacts* (right softkey) or press *Menu > Contacts*.

2. Highlight an entry and press [MENU OK].

3. Press *Options > Send Contact*.

4. Select *Yes* and press [MENU OK] to search for available Bluetooth phones.

5. Select a target Bluetooth device and press [MENU OK].

6. Select *Yes* and press [MENU OK] to send the current Contact to the device. It will then be up to the receiving party to accept the incoming file and then add it to their Contacts list.

Bluetooth

Wireless Service: The Basics

♦ *Voicemail (page 94)*
♦ *Text Messaging (SMS) (page 97)*
♦ *Caller ID (page 99)*
♦ *Call Waiting (page 100)*
♦ *Making a Three-Way Call (page 100)*
♦ *Call Forwarding (page 101)*

Now that you've explored your phone's fundamentals, it's time to learn about the calling features that enhance your wireless service. This section outlines your basic service features.

Voicemail

Setting Up Your Voicemail

All unanswered calls to your phone are automatically transferred to your voicemail, even if your phone is in use or turned off. Therefore, you will want to set up your voicemail and personal greeting as soon as your phone is activated.

1. Press and hold **1** ✉.

2. Follow the system prompts to:
   ▪ Create your passcode.
   ▪ Record your name announcement.
   ▪ Record your greeting.
   ▪ Choose whether to activate One-Touch Message Access (a feature that lets you access messages simply by pressing and holding **1** ✉, bypassing the need for you to enter your passcode).

Note	**Voicemail Passcode:** *If you are concerned about unauthorized access to your voicemail account, it is recommended that you enable your voicemail passcode. (Do not activate One-Touch Message Access.)*

Voicemail Notification

There are several ways your phone alerts you to a new message:

- By displaying a message on the screen.
- By sounding the assigned ringer type.
- By the LED blinking red.
- By displaying ✉ at the top of your screen.

New Voicemail Message Alerts

When you receive a new voice message, your phone alerts you and prompts you to call your voicemail.

To call your voicemail:

▶ Press and hold **1**.

To display your Missed Log:

▶ From the standby screen, press the navigation key up and press 📱.

– or –

Press *Menu > Call History > Recent History*.

Note	When you are roaming off the home network, you may not receive notification of new voicemail messages. It is recommended that you periodically check your voicemail by dialing 1 + area code + your wireless phone number. When your voicemail answers, press (*) and enter your passcode. You will be charged roaming rates when accessing voicemail while roaming off the home network.
	Your phone accepts messages even when it is turned off. However, you are notified of new messages only when your phone is turned on and you are in a home network service area.

Retrieving Your Voicemail Messages

You can review your messages directly from your wireless phone or from any other touch-tone phone. To dial from your wireless phone, either speed dial your voicemail or use the menu keys.

Using One-Touch Message Access

▶ Press and hold **1**. (Your phone will dial your voicemail box.)

Using the Menu Keys on Your Phone to Access Your Messages

1. Press *Menu > Messaging > Voicemail*.

2. Highlight *Call Voicemail* and press 🔘 to listen to your messages.

Note | *You are charged for airtime minutes when you are accessing your voicemail from your wireless phone.*

Using Another Phone to Access Messages

1. Dial your wireless phone number.

2. When your voicemail answers, press ✳ shift.

3. Enter your passcode.

Tip | *When you call into voicemail, you first hear the header information (date, time, and sender information) for the message. To skip directly to the message, press 4 during the header.*

Voicemail Key Guide

Here's a quick guide to your keypad functions while listening to voicemail messages.

1 ✉	2 ABC	3 DEF
Date/Time	Send Reply	Advance
4 GHI	5 JKL	6 MNO
Replay	Rewind	Forward
7 PQRS	8 TUV	9 WXYZ
Erase	Return Call	Save
✳ Shift	0 Next +	# Space
Cancel	Help	Skip

Using Expert Mode

Using the Expert Mode setting for your personal voicemail box helps you navigate through the voicemail system more quickly by shortening the voice prompts you hear at each level.

1. Press and hold **1** to access your voicemail. (If your voicemail box contains any new messages, press **✶** to access the main voicemail menu.)

2. Press **3** to change your Personal Options, following the system prompts.

3. Press **3** for Expert Mode.

4. Press **1** to turn Expert Mode on or off.

Clearing the Message Icon

Your phone may temporarily continue to display the message icon after you have checked your voice and text messages.

1. Press *Menu* > *Messaging* > *Voicemail* > *Clear Envelope*.

2. Select *Yes* or *No* and press ▣.

Text Messaging (SMS)

With text messaging, you can send and receive instant text messages between your wireless phone and another messaging-ready phone. When you receive a new message, it will automatically display on your phone's screen.

In addition, text messaging includes a variety of preset messages, such as "I'm running late, I'm on my way," that make composing messages fast and easy. Use your phone to customize your own preset messages (up to 160 characters).

Composing Text Messages

1. Press *Menu* > *Messaging* > *Send Message* > *Text Message* and select the entry method you prefer:
   - *Go to Contacts* to select a recipient from your Contacts (qualifying Contacts entries must contain a wireless phone number or an email address).
   - *Mobile* to use the keypad to enter a wireless phone number directly.
   - *Email* to enter the recipient's email address.

2. Press *Next* (left softkey) when you have finished entering recipients. (You may include up to 10 recipients per message.)

3. Enter a message or use the preset messages or smileys (icons).

   ■ To type a message, use your keypad to enter your message. Use the *Options* (right softkey) to select an input mode. (See "Entering Text" on page 27.)

   ■ To use a preset message or a smiley, press *Options* (right softkey), select *Emoticons* or *Preset Msg*, and then select a message or emoticon and press 🔘.

4. Review your message and select *Next* (left softkey). (You may select additional messaging options by pressing *Options* [right softkey] to set the callback number or the message priority [*Normal* or *Urgent*].)

5. Press *Send* (left softkey) to deliver your message.

Accessing Text Messages

To read a text message:

▶ When you receive a text message, it will be displayed automatically on your phone's screen. Use your navigation key to scroll down and view the entire message.

To reply to a text message:

1. While the message is open, press *Reply* (left softkey).

2. Select *Picture* or *Text* and press 🔘.

3. Compose your reply or use the preset messages or icons.

   ■ To type a message, use your keypad to enter your message. Use the right softkey to select an input mode. (See "Entering Text" on page 27.)

   ■ To use a preset message or a smiley, press the right softkey, select *Emoticons* or *Preset Msgs*, highlight a message or emoticon, and press 🔘.

4. Review your message and press *Next* (left softkey). (You may select additional messaging options by pressing *Options* [right softkey] to set the callback number or the message priority [*Normal* or *Urgent*].)

5. Press *Send* (left softkey) to deliver your message.

Using Preset Messages

Preset messages make sending text messages to your friends, family, and co-workers easier than ever.

To add or edit preset messages:

1. Press *Menu > Settings > Messaging > Pre-set Message*.

2. Press *Options* (right softkey) *> Add New*.

   – or –

   Select a message and press *Options > Erase.*

   – or –

   Edit an existing message by pressing *Edit* (left softkey).

3. Enter your new message or changes and press . (See "Entering Text" on page 27.)

Caller ID

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. Press .

2. Enter the number you want to call.

3. Press .

To permanently block your number, call your service provider.

Call Waiting

When you're on a call, Call Waiting alerts you to incoming calls by sounding two beeps. Your phone's screen informs you that another call is coming in and displays the caller's phone number (if it is available and you are in digital mode).

To respond to an incoming call while you're on a call:

▶ Press [TALK]. (This puts the first caller on hold and answers the second call.)

To switch back to the first caller:

▶ Press [TALK] again.

> **Tip** *For those calls where you don't want to be interrupted, you can temporarily disable Call Waiting by pressing ∗ 7 0 before placing your call. Call Waiting is automatically reactivated once you end the call.*

Making a Three-Way Call

With Three-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be charged for each of the two calls.

1. Enter a number you wish to call and press [TALK].

2. Once you have established the connection, press *Options* (right softkey) > *3-Way Call* and press [MENU/OK].

3. Enter the second number you wish to call and press [TALK]. (This puts the first caller on hold and dials the second number.)

4. When you're connected to the second party, press [TALK] again to begin your three-way call.

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

Call Forwarding

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when Call Forwarding is activated.

To activate Call Forwarding:

1. Press ✳Shift 7PQRS 2ABC .

2. Enter the area code and phone number to which your future calls should be forwarded.

3. Press TALK . (You will hear a tone to confirm the activation of Call Forwarding.)

To deactivate Call Forwarding:

1. Press ✳Shift 7PQRS 2ABC 0Next .

2. Press TALK . (You will hear a tone to confirm the deactivation.)

Note	*You may be charged a higher rate for calls you have forwarded.*

Web and Data

Your service provider offers easy and amazing data services you will really use. These features – including messaging, games, downloadable ringers and screen savers, and portable Web access – let you have fun, stay in touch, and stay informed no matter where you go on the network.

Data Applications

Here is a brief list of the applications available through your phone. For more information, please contact your service provider.

Picture Messaging – Instantly shoot, share, and print sharp digital pictures.

Instant Messaging – Send and receive instant messages on your wireless phone.

Games – Play exciting games with full-color graphics, sound, and vibration. Choose from hundreds of games to play anytime.

Ringers – Personalize your phone by downloading and assigning different ringers to numbers in your Contacts.

Screen Savers – Download unique images to use as screen savers, or make it easy to tell who's calling by assigning specific images to numbers in your Contacts.

Web – Experience full-color graphic versions of popular Web sites from your phone.

Getting Started With Data Services

With your wireless phone and data service, you are ready to start enjoying the advantages of data services. This section will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your phone.

Your User Name

When you buy your phone and sign up for service, you're automatically assigned a user name, which is typically based on your 10-digit wireless phone number.

When you use data services, your user name is submitted to identify you to the network.

Your user name will be automatically programmed into your phone. You don't have to enter it.

Finding Your User Name

If you aren't sure what your user name is, you can easily find it on your phone.

▶ Press *Menu* > *Settings* > *Phone Information*.

Updating Your User Name

If you choose to change your user name and select a new one online, you must then update the user name on your phone.

▶ Press *Menu* > *Settings* > *More...* > *Data* > *Update Data Profile*. (To cancel, press [END] before completing the update.)

Launching a Data Connection

▶ Press *Menu* > *Web*. (Your data connection starts and the home page is displayed.)

> *Note* | *If Net Guard is enabled and displayed (see page 104), press* **OK** *(right softkey) to continue and launch the Web.*

While connecting, an animation and a "Connecting" message may be displayed.

> *Tip* | *To change the default launch page to the last page you viewed, press* **Menu** *(right softkey) >* **Mark this page** *and select the* **Set this as my homepage**, *select* **Save** *and press* **OK**.

Net Guard

When you first connect to the Web, the Net Guard will be displayed to confirm that you want to connect. This feature helps you avoid accidental connections. You can disable the Net Guard in the future by selecting Always Auto-Connect when the Net Guard is displayed.

To change your Net Guard settings:

▸ Press *Menu* > *Settings* > *More...* > *Data* > *Net Guard*.
  ▪ Select *On* to activate the Net Guard.
  ▪ Select *Off* to deactivate the Net Guard.

Note	*When enabled, the Net Guard appears only once as long as you have not turned the phone off and on.*

Data Connection Status and Indicators

Your phone displays the current status of your data connection through indicators at the top of the screen. The following symbols are used:

Your data connection is active (data is being transferred); the transmit/receive symbol will blink to indicate data transmission. Incoming voice calls go directly to voicemail; outgoing voice calls can be made, but the data services connection will terminate.

Your data connection is dormant (no data is being sent or received). Though not currently active, when dormant the phone can restart an active connection quickly; voice calls can be made and received.

If no indicator is displayed, your phone does not have a current data connection. To launch a connection, see "Launching a Data Connection" on page 103.

Navigating the Web

Navigating through menus and Web sites during a data session is easy once you've learned a few basics. Here are some tips for getting around:

Softkeys

During a data session, the bottom line of your phone's display contains one or more softkeys. These keys are shortcut controls for navigating around the Web, and they correspond to the softkeys directly below the phone's display screen.

Tip	*Depending on which Web sites you visit, the labels on the softkeys may change to indicate their function.*

To use softkeys:

▶ Press a softkey. (If an additional pop-up menu is displayed when you press the softkey, select the menu items using your keypad [if they're numbered], or by highlighting the option and pressing 🔘.)

Scrolling

As with other parts of your phone's menu, you'll have to scroll up and down to see everything on some Web sites.

To scroll line by line through Web sites:

▶ Press the navigation key up and down.

To scroll page by page through Web sites:

▶ Press the volume buttons on the side of the phone.

Selecting

Once you've learned how to use softkeys and scroll, you can start navigating the Web.

To select onscreen items:

▶ Use the navigation key to highlight an item, and then press the left softkey (or press 🔘).

Tip	*You'll find that the left softkey is used primarily for selecting items. This softkey is often labeled "OK."*
	If the items on a page are numbered, you can use your keypad (number keys) to select an item.

Links, which are displayed as <u>underlined text</u>, allow you to jump to Web pages, select special functions, or even place phone calls.

To select links:

▶ Highlight the link and press the appropriate softkey.

Going Back

To go back one page:

▶ Press the **BACK** key on your phone.

> *Note* *The* **BACK** *key is also used for deleting text (like a BACKSPACE key) when you are entering text.*

Going Home

To return to the home page from any other page:

▶ Press and hold **BACK**.

– or –

Press *Menu > Home*.

Instant Messaging

Data services provides you with access to Yahoo!® Messenger.

1. Press *Menu > Web*.

2. From the home page, select *Messaging* and press *Go* (left softkey).

3. From the Messaging page, scroll down and select *Instant Messaging* and press *Go* (left softkey).

4. Select Yahoo! Messenger and press *Go* (left softkey).

5. Use your keypad to enter the required sign-in information for the selected provider, such as user name or password, select *Sign In* and press *Go* (left softkey). (Your IM screen for the selected provider will be displayed.)

> *Note* *The information required to sign in will vary depending on the instant messaging provider you are accessing.*

6. Follow the onscreen instructions to read, reply to, compose, and send messages and manage your IM account.

Downloading Content

With data services, you have access to a dynamic variety of content, such as downloadable Games, Ringers, Screen Savers, and other applications. (Additional charges may apply.) The basic steps required to access and download Premium Services content are outlined below.

Accessing the Download Menus

1. Press *Menu > My Content*.

2. Select the type of file you wish to download (*Games*, *Ringers*, *Screen Savers*, or *Applications*), and then select *Get New*. (The browser will start and take you to the corresponding download menu.)

Selecting an Item to Download

You can search for available items to download in a number of ways:

● *Featured* displays a rotating selection of featured items.

● *Categories* allows you to narrow your search to a general category. (There may be several pages of available content in a list. Select *Next 9* to view additional items.)

● *Search* allows you to use your keypad to enter search criteria to locate an item. You may enter an entire word or title or perform a partial-word search.

Downloading an Item

Once you've selected an item you wish to download, highlight it and press [MENU/OK], or press *OK* (left softkey). You will see a summary page for the item including its title, the vendor, the download details, the file size, and the cost. Links allow you to view the *License Details* page, which outlines the price, license type, and length of license for the download, and the *Terms of Use* page, which details the Premium Services Terms of Use and your responsibility for payment.

To download a selected item:

1. From the information page, select *Buy*. (The item will download automatically. When the *New Download* screen is displayed, the item has been successfully downloaded to your phone.)

Note	*If you have not previously purchased an item, you may be prompted to create your purchasing profile.*

2. Select an option to continue:

- Select *Use/Run/View* to assign the downloaded item (or to start, in the case of a game or an application). Your data session will end, and you will be redirected to the appropriate phone menu screen.

- Select *Set as* to assign a ringer or screen saver to a phone function.

- Select *Settings* to configure downloaded games or applications.

- Select *Shop* to browse for other items to download.

- Press 🔘 to quit the browser and return to standby mode.

For more information and instructions on downloading content, contact your service provider.

Exploring the Web

With Web access on your phone, you can browse full-color graphic versions of your favorite Web sites, making it easier than ever to stay informed while on the go. Follow sports scores, breaking news, and weather, and shop on your phone anywhere on the home network.

In addition to the features already covered in this section, the home page offers access to a variety of colorful, graphically rich Web categories, as well as useful management options including *My Account* and *Search*. Many sites are available under more than one menu – choose the one that's most convenient for you.

Using the Browser Menu

Navigating the Web from your phone using the home page is easy once you get the hang of it. For details on how to navigate the Web, select menu items, and more, see "Navigating the Web" on page 105.

Although the home page offers a broad and convenient array of sites and services for you to browse, not all sites are represented, and certain functions, such as going directly to specific Web sites, are not available. For these and other functions, you will need to use the browser menu. The browser menu offers additional options to expand your use of the Web on your phone.

Opening the Browser Menu

The browser menu may be opened anytime you have an active data session, from any page you are viewing.

To open the browser menu:

▶ Press *Menu* (right softkey). (The browser menu will be displayed.)

Options available under the browser menu include:

- *Home.* Returns the browser to the home page.
- *Forward.* Returns you to a previously viewed page (after having used the `BACK` key).
- *Mark this page.* Allows you to bookmark the current site.
- *My Bookmarks.* Allows you to access and manage your bookmarks.
- *Search*. Launches a Web search.
- *Send Page to....* Allows you to send a URL via SMS.
- *Go to Web Address.* Allows you to navigate directly to a Web site by entering its URL (Web site address).
- *History.* Keeps a list of links to your most recently visited sites. To navigate to a site, highlight it and press ![key].

- *Page info.* Provides information about the current page such as web address and page size.
- *Browser Options.* Displays additional options:
    - *Setting.* Lets you configure and manage your browser settings: *My hompage*, *Font Setting*, *Privacy*, and *Preferences*.
    - *Show URL.* Displays the URL (Web site address) of the site you're currently viewing.
    - *Reload This Page.* Reloads the current web page.
    - *Restart Browser.* Refreshes the current browser session.
    - *Browser Info.* Displays information about your browser.

Creating a Bookmark

Bookmarks allow you to store the address of your favorite Web sites for easy access at a later time.

1. Go to the Web page you want to mark.

2. Press *Menu* (right softkey) to open the browser menu.

3. Select *Mark this page* and press ![key] twice to save the bookmark.

Note	Bookmarking a page does not store the page contents, just its address.
	Some pages cannot be bookmarked. Whether a particular Web page may be marked is controlled by its creator.

Accessing a Bookmark

1. Press *Menu* (right softkey) to open the browser menu.

2. Select *My Bookmarks* and press [MENU OK].

3. Select the desired bookmark and press [MENU OK] (left softkey).

Setting a New Homepage

Bookmarks allow you to store the address of your favorite Web sites for easy access at a later time.

1. Press *Menu* (right softkey) to open the browser menu.

2. Select *Mark this page* and press [MENU OK].

3. Select the *Set this as my hompage* field and press [MENU OK].

4. Select the onscreen *Save* button and press [MENU OK].

Deleting a Bookmark

1. Press *Menu* (right softkey) to open the browser menu.

2. Select *My Bookmarks*.

3. Select a bookmark and press *Options* (right softkey) > *Delete*. (A confirmation will be displayed.)

4. Press *Delete* (left softkey) to remove the bookmark.

Going to a Specific Web Site

To go to a particular Web site by entering a URL (Web site address):

1. Press *Menu* (right softkey) to open the browser menu.

2. Select *Go to Web Address* and press [MENU OK].

3. Select the URL field and press [MENU OK].

4. Use your keypad to enter the URL of the Web site you wish to go to and press [MENU OK].

5. Press [MENU OK] again to go to the Web site.

Note	Not all Web sites are viewable on your phone.

Reloading a Web Page

1. Press *Menu* (right softkey) to open the browser menu.

2. Select *Browser Options > Reload This Page* and press [MENU/OK]. (The browser will reload the current Web page.)

Restarting the Web Browser

If the Web browser seems to be malfunctioning or stops responding, you can usually fix the problem by simply restarting the browser.

1. Press *Menu* (right softkey) to open the browser menu.

2. Select *Browser Options > Restart Browser* and press [MENU/OK].

Important Safety Information

♦ *General Precautions (page 114)*

♦ *Maintaining Safe Use of and Access to Your Phone (page 115)*

♦ *Using Your Phone With a Hearing Aid Device (page 116)*

♦ *Caring for the Battery (page 117)*

♦ *Radio Frequency (RF) Energy (page 118)*

♦ *Owner's Record (page 120)*

♦ *User Guide Proprietary Notice (page 120)*

This phone guide contains important operational and safety information that will help you safely use your phone. Failure to read and follow the information provided in this phone guide may result in serious bodily injury, death, or property damage.

General Precautions

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

● To maximize performance, do not touch the bottom portion of your phone where the internal antenna is located while using the phone.

● Speak directly into the mouthpiece.

● Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery.

● Do not expose your phone to direct sunlight for extended periods of time (such as on the dashboard of a car).

● 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.

● 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.

Note	*For the best care of your phone, only authorized personnel should service your phone and accessories. Failure to do so may be dangerous and void your warranty.*

Maintaining Safe Use of and Access to Your Phone

Do Not Rely on Your Phone for Emergency Calls
Mobile phones operate using radio signals, which cannot guarantee connection in all conditions. Therefore you should never rely solely upon any mobile phone for essential communication (e.g., medical emergencies). Emergency calls may not be possible on all cellular networks or when certain network services or mobile phone features are in use. Check with your local service provider for details.

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

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

Using Your Phone Near Other Electronic Devices
Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

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

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

| Note | Always turn off the phone in healthcare facilities, and request permission before using the phone near medical equipment. |

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

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

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

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

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

Restricting Children's Access to Your Phone
Your phone is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the phone or make calls that increase your invoice.

Using Your Phone With a Hearing Aid Device

A number of wireless phones have been tested for hearing aid device compatibility. When some wireless phones are used with certain hearing devices (including hearing aids and cochlear implants), users may detect a noise which can interfere with the effectiveness of the hearing device.

Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference noise they may generate. ANSI standard C63.19 was developed to provide a standardized means of measuring both wireless phone and hearing devices to determine usability rating categories for both.

Ratings have been developed for mobile phones to assist hearing device users find phones that may be compatible with their hearing device. Not all phones have been rated for compatibility with hearing devices. Phones that have been rated have a label located on the box. *Your SPH-M320 has an M4 and T4 rating.*

These ratings are not guarantees. Results will vary depending on the user's hearing device and individual type and degree of hearing loss. If a hearing device is particularly vulnerable to interference noise; even a phone with a higher rating may still cause unacceptable noise levels in the hearing device. 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 for hearing aid compatibility and are likely to generate less interference to hearing devices than unrated phones. (M4 is the better/higher of the two ratings.)

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. (T4 is the better/higher of the two ratings. Note that not all hearing devices have telecoils in them.)

Hearing aid devices may also be measured for immunity to interference noise from wireless phones and should have ratings similar to phones. Ask your hearing healthcare professional for the rating of your hearing

aid. Add the rating of your hearing aid and your phone to determine probable usability:

● Any combined rating equal to or greater than six offers excellent use.
● Any combined rating equal to five is considered normal use.
● Any combined rating equal to four is considered usable.

Thus, if you pair an M3 hearing aid with an M3 phone, you will have a combined rating of six for "excellent use."This is synonymous for T ratings.

It is further suggested you experiment with multiple phones (even those not labeled M3/T3 or M4/T4) while in the store to find the one that works best with your hearing aid device. Should you experience interference or find the quality of service unsatisfactory after purchasing your phone, promptly return it to the store where purchased for exchange or refund. More information about hearing aid compatibility may be found at: www.fcc.gov, www.fda.gov, and www.accesswireless.org.

Getting the Best Hearing Device Experience With Your Phone

To further minimize interference:

● Set the phone's display and keypad backlight settings to ensure the minimum time interval:

1. Press *Menu > Settings > Display > Backlight.*

2. Select the minimum time interval setting and press [MENU/OK].

● Position the phone so the internal antenna is farthest from your hearing aid.
● Move the phone around to find the point with least interference.

Caring for the Battery

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

● Recently there have been some public reports of wireless phone batteries overheating, catching fire, or exploding. It appears that many, if not all, of these reports involve counterfeit or inexpensive, aftermarket-brand batteries with unknown or questionable manufacturing standards. The manufacturer is not aware of similar problems with manufacturer phones resulting from the proper use of batteries and accessories approved by the manufacturer. Use only manufacturer-approved batteries and accessories found through your phone's manufacturer. Buying the right batteries and accessories is the best way to ensure they're genuine and safe.
● In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
● Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
● Never dispose of the battery by incineration.
● Keep the metal contacts on top of the battery clean.
● Don't attempt to disassemble or short-circuit the battery.
● The battery may need recharging if it has not been used for a long period of time.

- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:

> Less than one month:
> -4° F to 140° F (-20° C to 60° C)
>
> More than one month:
> -4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Li-Ion) Batteries

Do not handle a damaged or leaking Li-Ion battery as you can be burned.

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

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

Radio Frequency (RF) Energy

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 watt to 0.2 watt in digital mode.

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below.

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

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the supplied or approved carrying case, holster or other body-worn accessory. If you do not use a body-worn accessory, ensure the antenna is at least *7/16 inch (1.5 centimeters)* from your body when transmitting. Use of non-approved accessories may violate FCC RF exposure guidelines.

For more information about RF exposure, visit the FCC Web site at www.fcc.gov.

Specific Absorption Rates (SAR) for Wireless Phones

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

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

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

The highest reported SAR values of the SPH-M320 are:

> *Cellular CDMA mode (Part 22)*:
> Head: 1.11 W/kg; Body-worn: 0.723 W/kg
>
> *PCS mode (Part 24)*:
> Head: 0.806 W/kg; Body-worn: 0.795 W/kg

FCC Radio Frequency Emission

This phone meets the FCC Radio Frequency Emission Guidelines.

FCC ID number: A3LSPHM320.

More information on the phone's SAR can be found from the following FCC Web site: http://www.fcc.gov/oet/ea/.

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

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

● Reorient the direction of the internal antenna.
● Increase the separation between the equipment and receiver.
● Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/TV technician for help.

Owner's Record

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

Model: SPH-M320

Serial No.:

User Guide Proprietary Notice

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

4,901,307	5,109,390	5,267,262	5,416,797
5,506,865	5,544,196	5,657,420	5,101,501
5,267,261	5,414,796	5,504,773	5,535,239
5,600,754	5,778,338	5,228,054	5,337,338
5,710,784	5,056,109	5,568,483	5,659,569
5,490,165	5,511,073		

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

Manufacturer's Warranty

♦ *Manufacturer's Warranty (page 121)*

Your phone has been designed to provide you with reliable, worry-free service. If for any reason you have a problem with your equipment, please refer to the manufacturer's warranty in this section.

For information regarding the terms and conditions of service for your phone, please contact your wireless service provider.

Manufacturer's Warranty

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/Pouch/Holster	90 Days
Game Pad	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 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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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.*

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.*

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