

SCH-a645 Series

P O R T A B L E T r i - M o d e M o b i l e P h o n e

User Guide

Please read this manual before operating your phone, and keep it for future reference.



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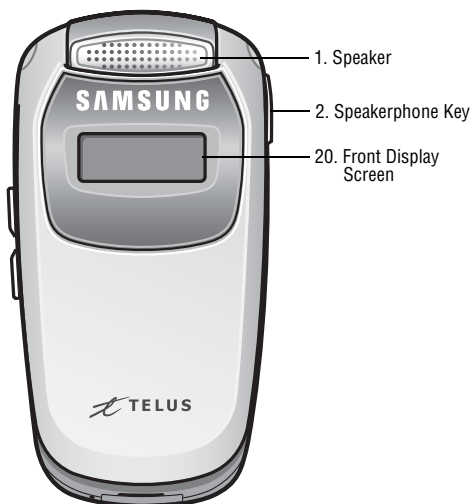
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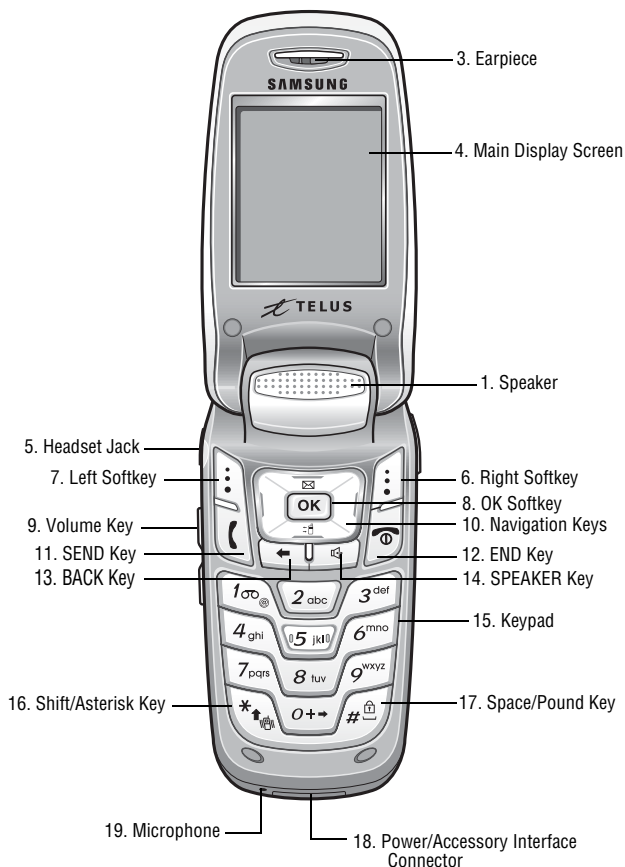
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Getting Started

Closed View of Phone



Front View of Your Phone



2 Getting Started

Key Functions

1. **Speaker:** The speaker allows you to hear the different ring tones and sounds offered by your phone.
2. **Speakerphone Key:** This key (located on the side of the phone) works the same as the SPEAKER key. You can use this key to activate the phone's speaker mode as well as issue voice commands. The key works even when the phone is closed.
3. **Earpiece:** The speaker allows you to hear the other caller while talking on your phone.
4. **Main Display Screen:** This screen displays all the information needed to operate your phone.
5. **Headset Jack:** Allows you to plug in an optional headset for safe, convenient hands-free conversations.
6. **Right Softkey:** This key can be used in several different ways.
 - In idle mode, press to access your **Contacts**.
 - When using other features, such as the Web Browser, the right softkey performs a context-sensitive action. This action is shown in the bottom right corner of the Display Screen.
7. **Left Softkey:** This key can be used in several different ways.
 - In idle mode, press to access the **Menu**.
 - When using other features, such as the Web Browser, the left softkey performs a context-sensitive action. This action is shown in the bottom left corner of the Display Screen.
8. **OK Key:** Press  when navigating through a menu accepts the highlighted choice in the menu.

9. **Volume Key:** Allows you to adjust the ringer volume in standby mode (with the flip 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.
- To mute the ringer during an incoming call, press the volume key up or down.

10. **Navigation Keys:** These keys allow you to scroll through the phone menu options and provides a shortcut to phone functions from standby mode.

- In standby mode, the navigation keys access favorite menu options directly. See "Nav. Key Shortcuts" on page 96 for more information.
- In menu mode, the navigation keys scroll through the menu options. In a first-level menu, the Left and Right keys scroll through the different menus.

11. **SEND Key:** This key can be used in several different ways.

- Allows you to place or answer a call.
- In standby mode, press the key once to access the **Dialed Calls** log in your Call History. For more information, see "Call History" on page 52.

12. **END Key:** This key can be used in several different ways.

- During a call, press to end the call.
- When the phone is off or in standby mode, press and hold this key for a few seconds to turn your phone On or Off.
- When in the main menu, press to return the phone to standby mode and cancel your input.

- 13. BACK Key:** Deletes characters from the display when you are in text entry mode. When in a menu, press to return to the previous menu.
- 14. SPEAKER Key:** Enables the phone's speaker mode, where you can talk and hear without requiring the phone near your head.
- 15. Keypad:** Use these keys to enter numbers, letters, and characters.
- 16. Shift/Asterisk Key:** This key can be used in several different ways.
 - Enters the asterisk [*] character for calling features.
 - In text entry mode, press to change the character input type (ABC, Abc, abc).
 - In standby mode, press and hold to switch your handset to **Silent Mode**.
- 17. Space/Pound Key:** This key can be used in several different ways.
 - Enters the pound [#] character for calling features.
 - In text entry mode, press to enter a space.
 - In standby mode, press and hold to switch your handset to **Lock Mode**.
- 18. Power/Accessory Interface Connector:** The Power/Accessory Interface Connector is used to plug in a travel adaptor, or any available accessory to your phone.
- 19. Microphone:** The microphone allows the other caller to hear you clearly when you are speaking to them.

20. Front Display Screen: The front display screen shows the time and provides basic information about your phone, such as signal strength, battery strength, ringtone settings, and alarms.

Viewing the Display Screen

Your phone's interior and exterior display screens provides a wealth of information about your phone's status and options. This list identifies the symbols you'll see on your phone's display screens:



tells you a call is in progress.



means there is no service, as your phone cannot find a signal.



displays your current signal strength. The more lines you have, the stronger your signal.



displays your current battery strength at full.



displays your current battery strength at empty.



indicates that your phone is receiving 3G digital service.



indicates that your phone is receiving digital (non 3G) service.



indicates that your phone is receiving analog service.



indicates that your phone is roaming.



indicates that your phone's browser is in security mode.



indicates that your phone is in Airplane Mode. All TX and RX transmissions are turned Off.



indicates that your phone is in Auto Answer mode. If you are using a headset or hands-free kit, then calls are automatically answered after a preselected number of rings. If you are not using the headset or hands-free kit, then this setting is ignored. For more information, see "Auto-Answer" on page 97.



indicates that you have new voice mail messages waiting.



indicates that you have new text messages waiting.



indicates that you have new web alerts waiting.



indicates that you have new voice, text and web alert messages waiting.



indicates that 3G functionality is active.



indicates that 3G functionality is dormant or inactive.



indicates that you are sending information.



indicates that you are receiving information.



indicates that the ringer is set at a level between 1-5 or that 1-Beep is selected.



indicates that the ringer is turned Off.



indicates that your phone is in Vibrate mode.



indicates that your phone is in Ringer and Vibrate mode.



indicates that your phone is in Silent mode.



indicates that your phone is in speaker mode.



indicates that GPS location is turned on.



indicates that an alarm is set on your phone.

Tip: Display indicators let you know when you're off the network.

Features of Your Phone

Congratulations on the purchase of your Samsung SCH-a645 phone. This phone is lightweight, easy-to-use, reliable, and it also offers many significant features and service options:

- Dual-band/Tri-Mode capability provides access to other Digital Networks where roaming agreements are established. See "Roaming" on page 27.
- Mobile Browser™ provides access to the wireless Internet in digital mode. See "Launching the Browser" on page 70.
- Messaging provides quick and convenient text messaging capabilities. See "Create New" on page 59.
- Downloadable wallpapers, and ringtones allow you to turn down time into fun time and to personalize your phone. See "Downloading Ringtones, Wallpapers, Games, and GPS Applications" on page 72.
- The built-in organizer lets you schedule alerts to remind you of important events. See "Schedule" on page 78.
- Five hundred internal Contacts entries. See "Contacts" on page 48.
- English or French language menus. See "Language" on page 99.

Turning Your Phone On and Off

To turn your phone on:

- Press  to turn your phone on.

Once your phone is On, it displays “Entering Service Area” which indicates that your phone is searching for a signal. 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.

If your phone is unable to find a signal after 15 minutes of searching, a Power Save mode is automatically activated. When a signal is found, your phone automatically returns to standby mode.

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 helps to conserve your battery power when you are in an area where there is no signal.

To turn 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).

Using Your Phone's Battery and Charger

Battery Capacity

Your phone is equipped with a Lithium Ion (Lilon) battery. It allows you to recharge your battery before it is fully drained. The battery provides approximately 3 hours of continuous digital talk time or approximately 6 days of continuous digital standby 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 powers down.

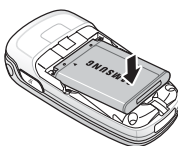
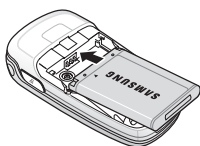
Note: Long backlight settings, searching for service, vibrate mode or browser use affect the battery's talk and standby times.

Tip: Be sure to watch your phone's battery level indicator and charge the battery before it runs out of power.

Installing the Battery

To install the Lilon battery:

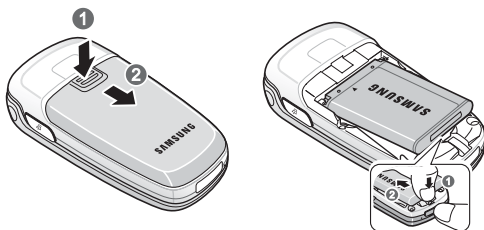
1. Insert the battery into the opening on the back of the phone at a 45-degree angle, making sure to line up the gold contacts. Gently press down until it snaps into place.
2. Install the protective cover by lining up the tabs at the top and gently press up until the cover snaps into place



Removing the Battery

To remove your battery:

1. Remove the protective cover by pressing down on the back of the cover.
2. Grip the battery at the bottom and pull up and out at a 45-degree angle.
3. Using the side tabs, pull the top of the battery away from the phone and remove.



Charging the Battery

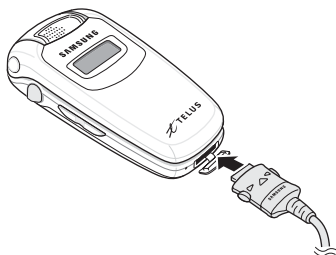
Your phone's Lilon battery is rechargeable and should be charged as soon as possible so you can begin using your phone.

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 all the information you were just working on. For a quick check of your phone's battery level, glance at the battery charge indicator located in the upper-right corner of either of your phone's display screens.  indicates that the battery is full. If the battery charge is getting too low, the battery icon  blinks and the phone sounds a warning tone.

Warning! IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER! TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS. FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

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



Warning! Using the wrong battery charger could cause damage to your phone and void the warranty.

Phone Basics

Displaying Your Phone Number

In case you forget your phone number, your phone can remind you. To display your phone number:

- Press the left softkey  for **MENU**, followed by   to display your phone number.

Note: To access the phone's main **MENU**, press the left softkey  while in standby mode. Menu items may be selected by highlighting them with the navigation key and pressing , or you can press the number corresponding to the menu item on your keypad.

Making and Answering Calls

Making Calls

Placing a call from your phone is as easy as making a call from any land-line phone. Just enter the number and press  and you're on your way to clear calls.

To make a call using your keypad:

1. Make sure your phone is on.
2. Enter a phone number. (If you make a mistake while dialing, press  to erase one digit at a time. Press and hold  to erase the entire number.)
3. Press  to call.
4. Press  or close the phone when you are finished.

Tip: To redial your last outgoing call, press  twice.

You can also place calls from your phone by using Voice Command (page 29), Speed Dialing numbers from your Contacts (page 19), and using your Call History listings (page 53).

Answering Calls

To answer an incoming call:

1. Make sure your phone is on. (If your phone is off, incoming calls go to Voice Mail.)
2. Press  or the left soft key  to answer an incoming call. (Depending on your phone's settings, you may also answer incoming calls by opening the phone or by pressing any number key. See "Call Answer Mode" on page 97 for more information.)

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

- The phone rings and/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 Contacts entry's name is displayed. The caller's phone number may also be displayed, if available.

The following options are also available to handle an incoming call:

- Press the volume key to quiet the ringer.
- Press the right softkey  to **Ignore** the incoming call and send it directly to your Voice Mail box.

Ending a Call

To disconnect a call when you are finished:

- Close the phone or press  .

Missed Call Notification

When an incoming call is not answered, the Missed Call log is displayed on your screen. You have two options:

- Press the left softkey  to **Save** the phone number to your Contacts.
- Press the right softkey  to call the number back.

Calling Emergency Numbers

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

Warning: 911 call can be terminated by closing a flip or pressing the  key.

However, after terminating the call, the phone will stay in Emergency mode. You can exit emergency mode by pressing  .

In-Call Options

Select actions by pressing the left softkey  for **MENU** during a call. A list of options is displayed that allows you to perform different actions during the course of a call. The following options are available: (To select an option, press the corresponding keypad number or highlight the option and press .)

-  **Mute** or **UnMute** allows you to mute or reactivate your phone's microphone.
-  **DTMF On/DTMF Off** activates or deactivates DTMF tones on your keypad.
-  **Call History** checks your call log for Missed, Outgoing, and Incoming calls. You can also erase the logs from this menu.
-  **Contacts** accesses the Contacts menu options.
-  **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 25.)
-  **Messaging** allows you to check for Voice Mail and notifications.
-  **Tools** accesses the Tools menu options.
-  **Version** displays the hardware/software version and Preferred Roaming List (PRL) being used.

End-of-Call Options

After receiving a call from or making a call to a phone number that is not in your Contacts, the phone number and the duration of the call are displayed. Press the right softkey  to **Save** the new number in your Contacts. (See below for more information on “Saving a Phone Number.”)

Note: The End-of-Call options are not displayed for calls identified as Unknown ID or Restricted number.

Saving a Phone Number

Your phone can store up to 500 entries (numbers/e-mails/URLs) in different categories (Mobile, Home, Office, etc.). Phone book capacity is based by number of entries not by number of contacts. (For more information, see “Adding a New Contact” on page 48.)

To save a number from standby mode:

1. Enter a phone number.
2. Press the right softkey  for **Save**.
3. Using the navigation keys, select one of the following options:
 - **New Entry:** Create a new contact
 - **Find:** Add the number to an existing contact and press .
4. Select the **Type** using the navigation key and press .

• Mobile	• Home	• Office
• Pager	• Fax	• Others
5. Enter the name using the keypad and press .

- After you have saved the number, your list of Contacts is displayed.

Dialing and Saving Phone Numbers With Pauses

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

There are two types of pauses available on your phone:

- **Hard Pause (P)** sends the next set of numbers when you press .
- **2-Second Pause (T)** automatically sends the next set of numbers after two seconds.

Note: You can have multiple pauses in a phone number and combine 2-second and hard pauses.

To dial or save phone numbers with pauses:

1. Enter a phone number from standby mode.
2. Press left softkey  for **Options** and select  **P pause** for a hard pause or  **T pause** for a 2-second pause.
3. Enter additional numbers.
4. Press  to dial the number.
— or —
Press right softkey  to **Save** to save the number in your internal Contacts.

Note: When dialing a number with a hard pause, press  to send the next set of numbers.

Dialing From Contacts

To dial directly from a Contacts entry:

1. From standby mode, press the right softkey  to display your **CONTACTS**.
2. Scroll left or right to search **By Name**, **By Entry**, or **By Group**.
3. Scroll up or down to highlight the desired entry and press  to make the call.

Tip: If the desired entry contains more than one phone number, scroll up or down to display the number you wish to call and press  to make the call.

Using One-Touch/Two-Touch/Three-Touch Speed Dialing

You can store up to 500 numbers in your phone's speed dial memory to make contacting friends and family as easy as pressing a few buttons. With this feature, you can dial Speed Dial entries using one key press for locations 2-9, two key presses for locations 10-99, and three key presses for 100-500.

To use One-Touch Dialing for Speed Dial locations 2-9:

- Press and hold the appropriate key for approximately two seconds. (The display confirms that the number has been dialed.)

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 "Calling...".)

To use Three-Touch Dialing for Speed Dial locations 100-500:

1. Press the first digit.
2. Press the second digit.
3. Press and hold the third digit for approximately two seconds. (The display confirms that the number has been dialed.)

Note: Your phone also supports 3–4 digit dialing. If you enter a number using the keypad without holding the last number and then press , your phone will dial those digits. (For example, if you enter   and press , it dials 212, not the number stored in memory location 212. You cannot store a contact in location 1, 211, 311 or 411.)

Entering Text

Selecting a Character Input Mode

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

To change the character input mode:

1. When you display a screen where you can enter text, press the left softkey  for **Options**.
2. Select a character input mode:
 - **T9 (English)** to enter characters using predictive T9 Text Input (see page 21).
 - **Alpha** to enter characters by tapping the keypad (see page 22).

- **Symbol** to enter symbols (see page 23).
- **Number** to enter numbers (see page 23).
- **Quick Text** to enter pre-defined phrases (see page 23).

Entering Characters Using T9 Text Input

T9 Text Input lets you enter text in your phone by pressing keys just once per letter. (To select the **T9 (English)** mode when entering text, see “Selecting a Character Input Mode” above.)

T9 Text Input analyzes the letters you enter using an intuitive word database and creates a suitable word. (The word may change as you type.)

To enter text using T9:

1. From the text entry screen (for example, a new event in scheduler), press the left softkey  for **Options** and select **T9 (English)**.
2. Use your keypad to enter the new event. (For example, to enter “Meeting”, press  once,  twice,  once,  once,  once, and  once.)

When entering text, note the following:

- If the word you want does not display after you have entered all the letters, press  to scroll through additional word selections.
- To accept a word and insert a space, press .
- If you make a mistake, press  to erase a single character. Press and hold  to delete an entire word.

Entering Characters by Tapping the Keypad

To enter characters by tapping the keypad, select the Alpha mode (see “Selecting a Character Input Mode” on page 20). Press the corresponding key repeatedly until the desired character appears. When the  icon is shown, the first letter of the first word is capitalized and following letters are lowercase. The  key can be used to select the case desired.

To enter text using Alpha:

1. From a text entry screen (for example, a Contacts entry), press the left softkey  for **Options** and select **Alpha**.
2. Use your keypad to enter the contact's name. (For example, to enter “bill”, press  twice,  three times,  three times, and  three times again.).

Characters scroll in the following order:

 . @ ? ! - , & : ' 1	 P Q R S 7
 A B C 2	 T U V 8
 D E F 3	 W X Y Z 9
 G H I 4	 0
 J K L 5	 Space
 M N O 6	 Change case

After a character is entered, the cursor automatically advances to the next space after two seconds or when you press a different key to enter a character.

Entering Numbers and Symbols

To enter numbers:

- Select the **Number** mode and press the appropriate key. (See “Selecting a Character Input Mode” on page 20.)

To enter symbols:

- Select the **Symbol** mode. (See “Selecting a Character Input Mode” on page 20.) To enter a symbol, press the appropriate key displayed above the desired symbol character.

Entering Quick Text

To enter quick text:

- Select the **Quick Text** mode. Select the pre-defined text by using the navigation keys and press . The text will appear in the input screen.

Using 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, just follow these easy steps.

To block your phone number from being displayed for a specific outgoing call:

1. Press   .
2. Enter the number you want to call.
3. Press .

To permanently block your number, call the Customer Service department of your network service provider.

Responding to Call Waiting

When you're on a call, Call Waiting alerts you of 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 . (This puts the first caller on hold and answers the second call.)

To switch back to the first caller:

- Press  again.

Do Not Disturb Mode

For those calls where you don't want to be interrupted, you can activate Do Not Disturb mode, which disables Call Waiting.

To activate Do Not Disturb Mode:

- Press  followed by    before placing your call. You will hear a message to confirm the activation.

To disable Do Not Disturb Mode

- Press  followed by    before placing your call. You will hear a message to confirm the deactivation.

Using 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  followed by  .
2. Enter the area code and phone number to which your future calls should be forwarded.
3. Press . You will hear a message to confirm the activation.

To Deactivate Call Forwarding

1. Press  followed by   .
2. Press . You will hear a message to confirm the deactivation.

Note: You may be charged a higher rate for calls you have forwarded.

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.

To make a Three-Way Call:

1. Enter a number you wish to call and press .
2. Once you have established the connection, press the left softkey  for **MENU**, followed by  for **3-Way Call**.
3. Dial the second number and press .
4. When you're connected to the second party, press  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 three callers are disconnected.

Tip: You can also begin a Three-Way Call by displaying a phone number stored in your Internal Contacts, Call History, or Messaging. To call the third party, press .

Note: Call Waiting and Three-Way Calling might not be available while roaming off the network.

Using the Speakerphone

The speakerphone allows you to hear audio through the speaker and talk without holding your phone. When the speakerphone is activated, use the volume keys to adjust the sound level.

To turn the speakerphone on during a call:

- Press .

To turn the speakerphone off during a call:

- Press .

Warning: Due to higher volume levels, do not place the phone near your ear during speakerphone use.

Roaming

Understanding Roaming

Recognizing Icons on the Display Screen

Your phone's display screen always lets you know when you're off the network. The following icons indicate the type of network you are roaming on:

- Roaming Indicator: 
- Analog Indicator: 

Note: You will pay a higher per-minute rate for roaming calls.

Roaming on Other Digital Networks

When you're roaming, your call quality will be similar to the quality you receive when making calls on your home network. You may not be able to access certain features, such as web services.

Setting Your Roaming Mode

Your phone allows you to control your ability to roam. By using the **Roaming** menu option, you can determine which signals your phone accepts. Choose from three different settings on your phone to control your roaming experience:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Advanced**.
4. Press  for **System**.
5. Press  for **Set Mode**.

6. To select an option, highlight it and press .
- **Digital Only:** This setting allows you to only access digital networks.
 - **Analog Only:** This setting allows you to only access analog networks.
 - **Automatic:** This setting seeks service. When service is unavailable, the phone searches for an alternate system.
 - **Home Only:** This setting allows you to access the home network only and prevents roaming on other networks.

Set NAM

This setting allows you to associate your mobile identification number (MIN) to your phone's electronic serial number (ESN).

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Advanced**.
4. Press  for **System**.
5. Press  for **Set NAM**.
6. Using the navigation keys, select **NAM 1** or **NAM 2** and press .

Voice Services

Voice Recognition

Voice recognition allows you to say commands to perform common functions supported by your phone. You simply say the pre-designated command displayed on your screen in a normal tone of voice to perform the desired function.

To activate voice recognition:

1. Press and hold . (The phone prompts you to say a voice command.)
2. Wait for the beep and then say one of the following commands:
 - Voice Dial
 - Voice Memo
 - Calendar
 - Contacts
 - Status

When it recognizes one of these commands, the phone launches the associated application. If the phone does not hear a command within approximately eight seconds, it de-activates voice recognition without taking any action.

Note: If you want to use another button to activate voice recognition, in addition to , press the left softkey  for **MENU**, followed by    for **Shortcuts**. Using this menu, you can change button assignments, including the button used to launch “Voice Dial,” which is the voice recognition application.

Using Voice Dial

Voice Dial allows you to dial any valid 7, 10 or 11 digit North American phone number by speaking the number naturally, without pausing between the digits.

Tips for using Voice Dial:

- Voice Dial works best in quieter environments.
- When saying a number, speak at a normal speed and say each digit clearly. There is no need to pause between digits.
- The phone recognizes the digits one, two, three, four, five, six, seven, eight, nine, zero, and oh. The phone does not recognize numbers such as “one eight hundred” for “1-800.” Instead, say “one-eight-zero-zero.”
- The phone recognizes only valid 7, 10 or 11 digit North American phone numbers.
- If your phone does not usually recognize you correctly when you are using Voice Dial, try adapting Voice Dial to your voice, which can significantly improve accuracy for some speakers. (See “Changing Voice Dial Sensitivity” on page 35 for details.)

To place a call using Voice Dial:

1. Activate voice recognition by pressing and holding . (The phone prompts you for a command.)
2. Say **Voice Dial**. (The phone prompts you to say the number.)
3. Say either a name stored in your Contacts or a valid 7, 10 or 11 digit North American phone number naturally and clearly.
 - If the phone asks you, “Did You Say,” followed by the correct number, say “**Yes**.” (You can also select the correct number from those displayed on the screen by pressing  on the correct number. The phone will then dial the number.)

- If the phone asks you, “Did You Say,” followed by an incorrect number, say **No**. (If there are other alternatives, the phone will prompt you with the next one. You can also press the navigation key up or down to select the correct number from the Choice List, and then press  to dial.)
- If you said a name listed in your Contacts that has more than one number associated with it, the phone displays the different locations (**Home, Office, Mobile**, etc.) and asks you which one to dial. Say one of the location names and the phone will dial the number for the location you specified.

Note: In some cases, the phone might ask you to repeat a name or number. Make sure that the number is a valid 7 or 10 digit North American phone number, and then say the number again. If the number isn't valid, or if the phone still doesn't understand the number on the second try, it will not place a call.

Looking up Contact Information

Voice recognition lets you retrieve contact information for any person in your Contacts by saying the full name of the person.

To retrieve information using voice recognition:

1. Activate voice recognition by pressing and holding . (The phone will prompt you for a command.)
2. Say **Contacts**. (The phone will prompt you to say the name.)
3. Say the full name of the person, exactly as it is entered in your Contacts. (The phone will play the name it recognized through the earpiece, and then open the contact information for that name.)

- If the phone says, “Did You Say,” followed by an incorrect name, say **No**. The phone then prompts you with the next name, if there is one. If there are no more names, the phone will say “Sorry, No Match Found.”
- If you wish to dial this Contact, simply press .

Phone Status Information

The voice recognition Status option gives you an update on your signal strength and battery level.

To retrieve your phone's status information:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Wait for the beep and say **Status**. Your phone's current status information is displayed.

Customizing Voice Recognition

Adapting Voice Dial

Voice Dialing is speaker independent, which means that no initial training or adaptation is required. Some users with heavy accents or unusual voice characteristics may encounter difficulty in achieving high accuracy with speaker independent Voice Dialing, so the Adapt Digits feature allows users to dramatically improve the digit accuracy through adaptation. Users who get acceptable digit recognition accuracy will find no additional benefit to performing the Adapt Digit adaptation.

After you adapt Voice Dial, your phone will be customized to your voice. Other people will not be able to use Voice Dial on your phone unless they reset the phone to factory defaults.

Note: ONLY adapt Voice Dial if the system is frequently misrecognizing your speech. You can always restore the system to its original factory setting.

Adaptation involves recording several digit sequences to teach the system your voice. The adaptation process takes about 3 minutes.

Tips for adapting Voice Dial:

- Adapt digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, but say each digit sequence naturally.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, you can say or select **No** when the prompt asks, “Did the recording sound OK?” You will then be prompted to re-record the sequence.

To adapt Voice Dial to your voice:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Press the left softkey  for **Settings**.
3. Press  for **Digit Dialing**.
4. Press  for **Adapt Digits**. (The phone displays the first digit sequence.)
5. When you are ready to start recording, press the left softkey  for **OK**. (The phone prompts you to say the first sequence of digits.)

6. Wait for the beep, and then repeat the digits using a normal tone of voice. (The phone plays back your recording and asks you if the recording sounds “OK.”)
 - If the recording sounds OK (no mistakes and no background noises), say **Yes**.
 - If you need to re-record the digits to fix any problems, say **No**. (The phone then prompts you to say the digits again.)
7. Wait for the beep, and then record the digits again. (Repeat this step until you are satisfied with the recording.)
8. After confirming that the recording sounds OK, repeat the recording process with the next set of digits. In total, there are 10 sets of numbers. When you are finished with a full session, you will reach a screen that reads, “Adaptation Complete.”

Note: It is recommended that you perform the complete adaptation of Voice Dial at least once to achieve the maximum benefit of this feature. If a partial adaptation is performed, you can always return later and resume the process from the half way point.

Resetting Voice Dial Adaptation

To erase any adaptation and reset Voice Dial to its original state:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Press the left softkey  for **Settings**.
3. Press  for **Digit Dialing**.
4. Press  for **Reset Digits**.
5. Press the left softkey  to select **OK**.

Changing Voice Dial Sensitivity

You can adjust your phone's sensitivity to sounds when listening for voice commands or names, making it require a more exact or less exact sound match before responding to your command.

To adjust your phone's voice dial sensitivity:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
 2. Press the left softkey  for **Settings**.
 3. Press  for **Sensitivity**.
 4. Press  for **Commands** or  for **Names**.
 5. Press the navigation key up or down to select **Reject More**, **Recommended** or **Reject Less** and press .
- If you select **Reject More**, your phone will require a more exact sound match and if you select **Reject Less**, your phone will require a less exact sound match.

Enabling/Disabling Choice Lists

You can customize whether the Voice 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 Voice Dial:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Press the left softkey  for **Settings**.
3. Press  for **Choice Lists**.
4. Press  for **Name Dialing**,  for **Digit Dialing** or  for **Contacts**.

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

Changing Voice Dial Prompts

By default, your phone provides audio prompts such as “Please say a command”. You can turn these prompts on or off.

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Press the left softkey  for **Settings**.
3. Press  for **Sound**.
4. Press  for **Prompts**,  for **Digits** or  for **Names**.
5. Press the navigation key up or down to select **On** or **Off** and press .

Changing Voice Dial Name Playback

You can configure the speed and volume by which your phone reads back names:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Press the left softkey  for **Settings**.
3. Press  for **Sound**.
4. Press  for **Name Settings**.
5. Press  for **Speed** or  for **Volume**.
 - **Speed:** Press the navigation key up or down to select **Faster**, **Recommended**, or **Slower** and press .
 - **Volume:** Press the navigation key up or down to select **Louder**, **Recommended**, or **Softer** and press .

Changing Voice Launch

By default, Voice Recognition is activated by pressing and holding

. You can change your phone's settings to activate Voice

Recognition whenever you open the flip lid of your phone.

To change your Voice Launch method:

1. Press and hold  to activate voice recognition. (The phone prompts you to say a voice command.)
2. Press the left softkey  for **Settings**.
3. Press  for **Voice Launch**.
4. Press the navigation key up or down to select **Send Only** or **Send or Flip Open** and press .

Voice Memos

You can use your phone to record brief memos to remind you of important events, phone numbers, or other items.

Recording Voice Memos

To record a voice memo:

1. Activate voice recognition by pressing and holding . (The phone will prompt you for a command.)
2. Say **Voice Memo**.
3. Wait for the beep and then start speaking. (As it is recording, the phone displays a countdown timer that shows how many seconds are left for recording.)
 - Press the left softkey  to **Pause** the memo. (When a memo is paused, press the left softkey  again to **Resume** recording.)

4. To finish recording, press the right softkey  to **Stop** to the recording prior to the countdown completion.
5. The memo is saved to your phone. Press the right softkey  to **Play** your message for review.

Tip: You can also assign Voice Memos to either the left or right navigation keys. For more information, see "Nav. Key Shortcuts" on page 96. You can also create voice memos by pressing the left softkey  for **MENU**, followed by   then selecting **Voice Memo**.

Note: A total of 5 minutes in 10 separate memos can be recorded and saved. Individual memos can record up to 30 seconds of audio.

Reviewing and Erasing Memos

To play the voice memos you have recorded:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **Voice Memo** and press .
5. Press  for **Review**. (The phone displays a list of saved memos, with the first one selected.)
6. Select a memo and press the right softkey  or  to play your memo.

— or —

Press the number corresponding to the memo you want to review. (The phone replays the memo.)

7. To stop play before the memo ends, press the right softkey



To erase an individual memo:

1. Press the left softkey for **MENU**.
2. Press for **Shop**.
3. Press for **Tools**.
4. Highlight **Voice Memo** and press .
5. Press for **Review**. (The phone displays a list of saved memos, with the first one selected.)
6. Using the navigation keys, highlight the memo to erase.
7. Press the left softkey for **Options** followed by for **Erase**.
8. Press the navigation key up to select **Yes** and press .

To erase all voice memos:

1. Press the left softkey for **MENU**.
2. Press for **Shop**.
3. Press for **Tools**.
4. Highlight **Voice Memo** and press .
5. Press for **Erase All**.
6. Press the navigation key left to select **Yes** and press .

Navigating Through Menus

Menu Styles

Your phone can display the various features and options in one of two different menu styles, **Icon** and **List**. Regardless of which style you prefer, menu organization and key commands do not change.

List Style

List style displays all the various menu choices in a vertical list. As you navigate through the menu, options are highlighted. You can use your navigation keys to 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, simply 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 menu by pressing the navigation key left or right.
- You can also press the number corresponding to the menu choice. For example, if you want to view your last dialed call:
 1. Press the left softkey  for **MENU**.
 2. Press  for **Call History**.
 3. Press  for **Dialed Calls**.

Icon

Icon style displays the first level menu choices with graphical icons arranged in a grid pattern. In other menu levels, choices are arranged in a vertical list, similar to List style.

- To navigate through a first level menu, simply press the navigation key in the direction towards your desired menu choice. The currently-highlighted menu choice is enlarged and

has a text label beneath it. Once the desired menu option is highlighted, press .

- You can also press the number corresponding to the menu choice.

Note: For more information on changing the menu style between List and Icon, see "Changing the Phone's Menu Style" on page 89.

Backing Up Within a Menu

To go to the previous menu:

- Press .

To return to standby mode:

- Press .

Viewing the Menus

Menu Diagram

The following list outlines your phone's menu structure:

1: Contacts

1: List Entries

- By Name
- By Entry
- By Group
 - Friends
 - Family
 - Colleagues
 - VIP
 - My Group

2: New Entry

- 1: Number
- 2: E-Mail

3: Groups

- 1: Friends
- 2: Family
- 3: Colleagues
- 4: VIP
- 5: My Group

4: My Phone#

5: Memory Info

2: Call History

1: Recent Calls

2: Received Calls

3: Dialed Calls

4: Missed Calls

5: Erase History

- 1: Recent Calls
- 2: Received Calls
- 3: Dialed Calls

4: Missed Calls

6: Call Timers

1: Last Call

2: Recent Calls

3: Lifetime

4: Data Transferred

5: Connection Time

6: Reset Timer

3: Messaging

1: Voice Mail

1: Inbox

2: Clear Icon

- Yes
- No

2: Text

1: Send New

2: Inbox

3: Outbox/Sent

4: Templates

5: Drafts

6: Saved

7: Erase Messages

1: Inbox

2: Outbox

3: Templates

4: Drafts

5: Saved

6: All Messages

8: Settings

1: SMS Options

1: Callback Number

2: Priority

- Normal
- Urgent

3: Acknowledge

- On
- Off

2: Save to Outbox

- Auto Save
- Prompt
- Do Not Save

3: Auto Delete Inbox

- On
- Off

4: Default Entry Mode

- T9 Word
- Alpha
- Number

5: Quick Text

- 1: How are you?
- 2: Hi there!
- 3: Thanks!
- 4: I'll call you later
- 5: On my way.
- 6: Busy right now.
- 7: Call me.
- 8: Running late, will be there soon
- 9: Where are you?
- 10: Send me a message
- 11: 11-20: <empty>

6: Auto Scrolling

- 1: Off
- 2: 3 Seconds
- 3: 5 Seconds
- 4: 10 Seconds

7: Message Reminder

- 1: Once
- 2: Off
- 3: Every 2 Minutes

9: Memory Info

3: Web Alerts

4: E-mail

- Get New

- Online E-mail

5: IM & Chat

- Get New
- Online IM&Chat

6: Short Codes

- 1: Short Code List

4: Shop

1: Wireless Web

2: Ringtones

- Get New

3: Wallpaper

- Get New

4: Games

- Get New

5: GPS

- Get New

6: Tools

- Get New
- Voice Memo

1: Record

2: Review

3: Erase All

- Voice Dial

1: Digit Dialing

1: Adapt Digits

2: Reset Digits

2: Sensitivity

1: Commands

- Reject More
- Recommended
- Reject Less

2: Names

- Reject More
- Recommended
- Reject Less

3: Choice Lists

1: Name Dialing

- Automatic
- Always On
- Always Off
- 2: Digit Dialing
 - Automatic
 - Always On
 - Always Off
- 3: Contacts
 - Automatic
 - Always On
 - Always Off
- 4: Sound
 - 1: Prompts
 - On
 - Off
 - 2: Digits
 - On
 - Off
 - 3: Names
 - On
 - Off
 - 4: Name Settings
 - 1: Speed
 - Faster
 - Recommended
 - Slower
 - 2: Volume
 - Louder
 - Recommended
 - Softer
- 5: Voice Launch
 - Send Only
 - Send or Flip Open
- 6: About
 - Calculator
 - Alarm Clock
 - 1: Alarm #1

- 2: Alarm #2
- 3: Alarm #3
- Schedule
 - Options
 - 1: View
 - 2: Add new
 - 3: Jump To Date
- Note Pad
- World Clock
 - Options
 - DST Setting
 - 1: Off
 - 2: On

- 7: Favourites
 - Short Codes
 - Bookmarks

5: Wireless Web

6: Settings

- 1: Sounds
 - 1: Ringer Volume
 - 1: Calls
 - 2: Messages
 - 3: Alarms
 - 2: Ringer Type
 - 1: Voice Calls
 - 1: Caller ID
 - 2: No Caller ID
 - 2: Messages
 - 1: Voice Mail
 - 2: Text Messages
 - 3: Web Alert
 - 3: Alarms
 - 1: Alarm 1
 - 2: Alarm 2
 - 3: Alarm 3
 - 4: Schedule
- 3: Alerts

- 1: Minute Beep
 - On
 - Off
- 2: Call Connect
 - On
 - Off
- 3: Call Lost
 - On
 - Off
- 4: No Service
 - On
 - Off
- 4: Roam Ringer
 - Normal
 - Distinctive
- 5: Keypad
- 6: Tone Type
 - Normal
 - Xylophone
- 7: Tone Length
 - Short
 - Long
- 8: Power On/Off
 - On
 - Off
- 2: Display
 - 1: Menu Style
 - Icon
 - List
 - 2: Wallpapers
 - 1: Preloaded
 - Leaf
 - ZenStyle
 - Pond
 - Flower
 - Snow Boarding
 - Digital Clock
 - World Time
 - Scheduler
 - Green Apple
 - Road
 - Tulips
- 2: Downloads
- 3: Received Call
 - 1: Caller ID
 - 1: No Image
 - 2: Downloads
 - 2: No Caller ID
 - 1: No Image
 - 2: Downloads
- 4: Dialing Colour
 - Basic
 - Rainbow
 - Monochrome
 - Hyphenate
- 5: Banner
- 6: Backlight
 - 1: On
 - 3 Seconds
 - 7 Seconds
 - 15 Seconds
 - 30 Seconds
 - Always On
 - Always Off
 - 2: Dim
 - 1 Minute
 - 2 Minutes
 - 5 Minutes
 - 10 Minutes
 - Always On
 - 3: Keypad
 - 7 Seconds
 - 15 Seconds
 - Always On

- Always Off
- 7: Contrast
 - 1: Main Display
 - 2: Front Display
- 8: Theme Color
 - Purple
 - Blue
 - Green
- 3: Games/Tools
 - 1: Backlight
 - 8 Seconds
 - 15 Seconds
 - Always On
 - Always Off
 - 2: Volume
 - 3: Notification
 - 1: Voice Mail
 - On
 - Off
 - 2: Text Message
 - On
 - Off
 - 3: Web Alert
 - On
 - Off
- 4: GPS Status
 - On
 - Emergency Only
- 5: Setup
 - 1: Nav. Key Shortcuts
 - 1: Left Nav Key
 - None
 - Contacts
 - Voice Memo
 - Scheduler
 - Voice Dial
 - Ringer Type

- Display
- Alarms
- Browser
- Shop
- 2: Right Nav Key (Options same as Left key)
- 2: Call Setup
 - 1: Call Answer
 - Send Key
 - Any Key
 - Flip Open
 - 2: Auto-Answer (Available only with CarKit and Headset)
 - 2 Seconds
 - 4 Seconds
 - 8 Seconds
 - Off
 - 3: Auto-Prepend
 - On
 - Off
 - 4: Call Restriction
 - 1: Dialed Call
 - Allow All
 - Contacts Only
 - Special# Only
 - 5: Auto-Hyphen
 - On
 - Off
- 3: Language
 - English
 - French
- 4: Data Setup
 - Off
 - Fax In Once
 - Fax In Always
 - Data In Once

- Data In Always

6: Advanced

1: Phone Info

- 1: My Phone Number
- 2: Software Version
- 3: Hardware Version
- 4: ESN
- 5: PRL
- 6: Browser Version
- 7: Serving System
- 8: Icon Glossary

2: System

- 1: Set Mode
 - Digital Only
 - Analog Only
 - Automatic
 - Home Only

2: Set NAM

- NAM 1
- NAM 2

3: Security

- 1: Lock Phone
 - Unlocked
 - On Power-up
 - Lock Now

2: Change Lock

3: Special

- 1: 911
- 2: *911
- 3: #911

4: Erase Contacts

- Yes
- No

5: Erase Content

- Yes
- No

6: Reset Phone

- Yes

- No

4: Memory Usage

5: Memory Manager

- 1: Ringtones
- 2: Wallpapers
- 3: Voice Memos
- 4: Java

7: TTY Mode

- On
- Off

8: Airplane Mode

- On
- Off

In-Use Menu

- 1: Mute/Unmute
- 2: DTMF On/Off
- 3: Call History
- 4: Contacts
- 5: 3-Way Call
- 6: Messaging
- 7: Tools
- 8: Version

Contacts

Adding a New Contact

Your phone can store up to 500 entries (numbers/e-mails/URLs) in different categories (Home, Office, Mobile, Pager, Fax, Alias, E-Mail, Others). Phone book capacity is based by number of entries not by number of contacts.

To add a new entry:

1. Enter a new phone number and press the right softkey  for **Save**.
2. Using the navigation keys, select **New Entry** and press .
3. Select the **Type** using the navigation key and press .
 - Mobile
 - Home
 - Office
 - Pager
 - Fax
 - Others
4. Enter the name using the keypad and press  to save.
After you have saved the number, the new Contacts entry is displayed.

Finding Contacts

There are several ways to display your Contacts entries: by name, by entry, or by group. To find an entry from the Contacts menu:

1. Press the left softkey  for **MENU**.
2. Press  for **Contacts**.
3. Press  for **List Entries**.
4. Press the navigation key left or right to search **By Name**, **By Entry**, or **By Group**.

5. Once the desired option is highlighted, press the navigation key down.
6. Enter the first few letters or entry # to locate the desired entry.
- If you are searching **By Group**, then press the navigation key left or right to scroll through your groups.
7. Scroll to highlight the name and press  to make the call.

Adding a Phone Number to a Contact Entry

To add a phone number to an entry:

1. Press the left softkey  for **MENU**.
2. Press  for **Contacts**.
3. Press  for **List Entries**.
4. Select the desired entry and press .
5. Press the left softkey  for **Options**, followed by  to **Edit** the entry.
6. Press the navigation key down until the desired label (Mobile, Home, Office, etc.) is highlighted.
7. Enter the phone number using the keypad and press .

Editing a Contacts Entry's Phone Number

To edit an entry's phone number:

1. Press the left softkey  for **MENU**.
2. Press  for **Contacts**.
3. Press  for **List Entries**.
4. Select the desired entry and press .

5. Press the left softkey  for **Options**, followed by  to **Edit** the entry.
6. Press and hold  to erase the entire number or press once to erase just the last number.
7. Enter the phone number using the keypad and press .

Selecting a Ringer Type for an Entry

You can assign a ringer type to a Contacts entry so you can identify the caller by the ringer type. (See “Ringer Types” on page 85.)

To select a ringer type for an entry:

1. Press the left softkey  for **MENU**.
2. Press  for **Contacts**.
3. Press  for **List Entries**.
4. Select the desired entry and press .
5. Press the left softkey  for **Options**, followed by  to **Edit** the entry.
6. Press the navigation key down until **Default** is selected and press the left softkey  for **Edit**.
7. Using the navigation keys, select **Default Ringer**, **Preloaded** or **Downloaded** and press .
8. Press the navigation key up or down to highlight and listen to the desired Ringer. Press  to select the desired ringer.
9. Press  to save the changes to the contact entry.

Assigning a Contact to a Group

You can assign a group name to your entries to help sort them. The preset group names in your phone are:

- **Friends**
- **Family**
- **Colleagues**
- **VIP**
- **My Group**

To associate an existing number in your Contacts with a group:

1. Press the left softkey  for **MENU**.
2. Press  for **Contacts**.
3. Press  for **Groups**.
4. Select the desired entry and press .
5. Press the left softkey  for **Options** followed by  for **Add**.
6. Select a Contact and press .
7. Scroll through the Contact entry to select a phone number or e-mail address and press . If the Contact has more than one number or address, choose the preferred number or address.

Note: Each Contact phone number or e-mail address can be assigned to only one Group.

Call History

Viewing History

You'll find the Call History feature very helpful. It is a list of the last 20 phone numbers (or Contacts entries) for each of: recent calls, received calls, dialed calls, and missed calls. 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.

To view a Call History entry:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
 - Press  for **Recent Calls**.
 - Press  for **Received Calls**.
 - Press  for **Dialed Calls**.
 - Press  for **Missed Calls**.

Tip: You can access your list of recent calls from the idle screen by pressing the navigation key down. You can also access your list of Dialed Calls from the idle screen by pressing the  key.

Call History Options

For additional information on a particular call, highlight a Call History entry and press . The time and date of the call is displayed.

Tip: You can also scroll between Call History entries by pressing the navigation key left or right.

Press the left softkey  for **Options** to select one of the following options for this entry:

- **Dial:** Call the displayed number.
- **Save:** Save the displayed number to your Contacts.
- **Prepend:** Edit the displayed number.
- **Erase:** Remove the displayed number from the Call History.

Making a Call From Call History

To place a call from Call History:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
3. Select **Recent Calls** , **Received Calls** , **Dialed Calls** , or **Missed Calls** .
4. Highlight the entry you want to call and press  to dial the number.

Note: You cannot make calls from Call History to entries identified as Unknown or Restricted.

Saving a Phone Number From Call History

To save a phone number from Call History:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
3. Select **Recent Calls** , **Received Calls** , **Dialed Calls** , or **Missed Calls** .
4. Highlight the entry you want to save and press .
5. Press the left softkey  for **Options**, followed by  to **Save** the number.

Follow the onscreen prompts to complete the entry. (See "Saving a Phone Number" on page 17 for more details.)

After you have saved the number, the new Contacts entry is displayed.

Note: You cannot save phone numbers already in your Internal Contacts or from calls identified as Unknown ID or Restricted.

Prepending a Phone Number From Call History

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

To prepend a phone number from Call History:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
3. Select **Recent Calls** , **Received Calls** , **Dialed Calls** , or **Missed Calls** .

4. Highlight the entry you want to prepend and press .
5. Press the left softkey  for **Options**, followed by  to **Prepend** the number.
6. Use the keypad to enter the desired numbers.
7. Press  to call the prepended number.

Erasing Call History

To erase individual Call History entries, see “Call History Options” on page 53.

To erase Call History:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
3. Press  for **Erase History**.
4. Select **Recent Calls** , **Received Calls** , **Dialed Calls** , or **Missed Calls** .
5. Using the navigation key, highlight **Yes**, and press .

Call Timers

Call Timers allows you to check the time of the last call or the total air time (including data usage) since your phone was activated on the network. **These times are not meant for billing purposes.** To view a call timer:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
3. Press  for **Call Timers**.
4. Press  for **Last Call**,  for **Recent Calls**,  for **Lifetime**,  for **Data Transferred**, or  for **Connection Time**.

To reset the call timers:

1. Press the left softkey  for **MENU**.
2. Press  for **Call History**.
3. Press  for **Call Timers**.
4. Press  for **Reset Timer**.
5. Using the navigation key, highlight **Yes**, and press .

Messaging

Now you can chat online, exchange text and email messages right from your phone and stay connected without saying a word. Within the Messaging menu you can also view the number of voice mail messages you have waiting for you.

Voice Mail

Setting Up Your Voice Mail

All unanswered calls to your phone are automatically transferred to your voice mail, even if your phone is in use or turned off. Therefore, you will want to set up your voice mail and personal greeting as soon as your phone is activated.

To set up your voice mail:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Voice Mail**.
4. Follow the system prompts to create your passcode, record your greeting, and record your name announcement.

Note: You must request this feature from your service provider for it to work correctly.

Voice Mail Notification

There are several ways your phone alerts you of a new message:

- By displaying a message on the screen.
- By sounding the assigned ringer type.
- By displaying  at the top of your screen.

New Voice Mail Message Alerts

When you receive a new voice message, your phone alerts you and prompts you to call your voice mail.

To call your voice mail:

1. Press the right softkey  to **View** your message details.
2. Press the left softkey  for **Send** to listen to the message.

Tip: You can also press and hold the navigation key up to check your voice mail.

To display your Voice Mail:

- Press the left softkey  for **MENU**, followed by   .

Important: When you are roaming off the network, you may not receive notification of new voice mail messages. It is recommended that you periodically check your voice mail by dialing 1 + area code + your Phone Number. You will be charged roaming rates when accessing voice mail while roaming off the network.

Note: Your phone accepts messages even when it is turned off. However, you are only notified of new messages when your phone is turned on and you are in a Service Area.

Retrieving Your Voice Mail Messages

To dial your voice mail from your phone, you can either speed dial your voice mail by pressing and holding the navigation key up or by using the menu keys. You can also access your voice mail messages by pressing and holding the  key.

Using the menu to retrieve your messages

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Voice Mail**.
4. Press  for **Inbox**.
5. Press the left softkey  to **SEND:Listen** to your messages.

Note: You are charged for airtime minutes when you are accessing your voice mail from your phone.

Clearing the Message Icon

Your phone may temporarily continue to display the message icon after you have checked your voice and text messages.

To clear the icon from the display screen:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Voice Mail**.
4. Press  for **Clear Icon**.
5. Press the navigation key up to select **Yes** and press .

Text Messages

Create New

Using your phone you can send text messages to other mobile phones in North America and the rest of the world, depending on your carrier.

To send a message

1. Press the left softkey  for **MENU**.
 2. Press  for **Messaging**.
 3. Press  for **Text**.
 4. Press  for **Send New**.
 5. Enter the phone number or name of the person to whom you're sending a message. When you are finished, press .
- To enter a phone number, enter the number.
 - To send the message to one of your contacts, press the left softkey  followed by  for **Contacts**. Highlight the desired contact and press . The Contact is displayed. Press the left softkey  for **Select**.
 - You can send your message to multiple numbers. Use the navigation keys to move up and down your list of addresses. You can send a message to a maximum of 10 numbers.
6. Create your message using the keypad. To change the text entry mode or to add Quick Text, press the left softkey  for **Options**. For more information on entering text, see "Entering Text" on page 20. When you are finished creating your message, press .
 7. Press left softkey  for **SEND**.

To change the sending options of the message

1. Compose your message, following steps 1-6 listed above.
2. Select  for **Sending Options**.
3. Select the option you wish to change. Press the navigation keys up and down to select an option and left and right to change the option.
 - **Priority**: allows you to change the priority of the message between **Normal** and **Urgent**.
 - **Delivery Ack**: allows you to receive an acknowledgement when your message is delivered. Delivery Ack can be **Off** or **On**.
 - **CB#**: allows you to change the callback number for this message. Select **Yes** to use your mobile phone number, select **No** to leave the callback number blank, or select **Edit** to enter a different number.
4. When finished with your messaging options, press the right softkey  for **Back**.

To save your message

You can save a draft of your message prior to sending it. You can save the entire message as a draft, or you can save the text.

1. Compose your message, following steps 1-6 listed above.
2. Select either:
 -  for **Save to Drafts**. The message is now stored in your **Drafts** folder. Once the message is sent, the draft will be deleted.
 - Select  for **Save as Template**. The text of your message is now stored as a **Template** message.
3. You can now continue to edit or send your message.

Inbox

This folder contains all your received text messages. From this folder, you can view your messages, reply to or forward the message to another destination.

To read a Text Message:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Text**.
4. Press  for **Inbox**. Your messages appear in a list.
5. Highlight the desired message and press . The message appears on screen.

To reply to a Message:

1. While the message is open, select the left softkey  for **Options**.

2. Press  to **Reply**.
3. Compose your reply message. For more information, see "To send a message" on page 60, beginning at step 6.

Note: the address field is already filled in when replying to a message.

Outbox/Sent

This folder contains all the messages you have sent or are waiting to send. From this folder, you can resend your messages or forward them to different destinations.

To resend your message

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Text**.
4. Press  for **Outbox/Sent**. Your messages appear in a list.
5. Highlight the desired message and press the left softkey  for **Options**.
6. Press  to **Re-send**.

Templates

This folder contains pre-written text messages. From this folder, you can quickly send common messages. You can use the built-in templates or write your own.

To compose a message using a draft:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.

3. Press  for **Text**.
4. Press  for **Templates**. Your template messages appear in a list.
5. Highlight the desired template and press the left softkey  for **Options**. Select one of the following options:
 - **Create New**: Select this option to create a new template. Creating a new template is similar to creating a text message.
 - **Edit**: Select this option to edit the currently highlighted template.
 - **Erase**: Select this option to delete the currently highlighted template.
 - **Erase Multiple**: Select this option to delete several templates. To select a message for deletion, highlight the message and press the left softkey  for **Select**. Press  to delete the templates.

Drafts

This folder contains drafts of unfinished or unsent text messages. From this folder, you can complete and send your messages. Once sent, the draft message is erased.

To compose a message using a draft:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Text**.
4. Press  for **Drafts**. Your draft messages appear in a list.

5. Highlight the desired draft message and press the left softkey  for **Options**.
6. Press  to **Edit**. You can now add Send To addresses, edit your message or sending options. When you are ready to send your text message, press the left softkey  for **Send**.

Saved

This folder contains saved text messages. Saved messages will not automatically expire and must be manually deleted.

To view a saved message:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Text**.
4. Press  for **Saved**. Your saved messages appear in a list.
5. Highlight the desired saved message and press . The message appears on screen.

Erase Messages

You can erase messages at anytime from the Inbox, Outbox, Templates, Drafts or Saved message folders. To erase the messages from the desired folder:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Text**.
4. Press  for **Erase Messages**.

5. Press  for **Inbox**,  for **Outbox**,  for **Templates**,  for **Drafts**,  for **Saved**, or  for **All Messages**.
6. Press the navigation key left or right to select **Yes** and press .

Settings

There are several options associated with messages. The Settings menu allows you to customize the options to fit your preferences.

To access the Settings menu:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Text**.
4. Press  for **Settings**.

The following options are available:

SMS Options

- **CallBack Number:** allows you to change the callback number for this message. The default callback number is your mobile phone number.
- **Priority:** allows you to change the priority of the message between **Normal** and **Urgent**.
- **Acknowledge:** allows you to turn Acknowledge **Off** or **On**. When On, this option allows you to have a return message sent back notifying you that the message was received and read by the recipient.

Save to Outbox: allows you to adjust whether sent messages are saved in your Outbox. Your options are:

- **Auto Save** - automatically saves a copy of the outgoing message in the filed folder.
- **Prompt** - prompts you to save a copy of the outgoing message.
- **Do Not Save** - does not save a copy of the outgoing message.

Auto Delete Inbox: allows you to adjust whether read messages are automatically deleted from your Inbox. Your options are **On** or **Off**.

Default Entry Mode: The Entry Method allows you to set the default character input method for new text messages. You can select between:

- **T9 Word:** is a predictive text entry mode
- **Alpha:** is the standard keypad text entry mode.
- **Number:** is the standard numeric entry mode.

Quick Text: Quick Text messages are used to enter common responses to questions. A Quick Text can be selected and automatically entered into the message. Quick Text can also be customized to whatever you want by editing one of the 20 message slots in your phone. To edit a Quick Text message:

1. From the Settings menu, select  for **Quick Text**. A list of Quick Text messages appears on screen.
2. Highlight the desired Quick Text slot and press .
3. Edit the message and press  when finished.

Auto Scrolling: The scroll timer allows you to set the length of time a message takes to scroll across the screen. Options are **Off**, **3 Seconds**, **5 Seconds** or **10 Seconds**.

Message Reminder: This option allows you to configure how often you are notified of new text messages. Options are **Once**, **Off** or **Every 2 Minutes**.

Memory Info

This menu displays how much memory is available for messages.

Web Alert

Your phone is capable of receiving web alerts from online providers. Consult with your Service Provider for more details.

To access your web alerts:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Web Alerts**.
4. Follow the on-screen instructions.

E-Mail

Your phone is capable of accessing online e-mails. Consult with your Service Provider for more details.

To access your online e-mail:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **E-mail**.
4. Select **Get New** to setup a new email account or **Online E-mail** for an existing account and press .

5. Follow the on-screen instructions.

IM & Chat

Your phone is capable of engaging in online chat sessions. Consult with your Service Provider for more details.

To access your chat session:

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **IM & Chat**.
4. Select **Get New** to setup a new IM or chat account or **Online IM&Chat** for an existing account and press .
5. Follow the on-screen instructions.

Short Codes

Your phone is capable of access pre-configured short codes. Consult with your service provider for more details.

1. Press the left softkey  for **MENU**.
2. Press  for **Messaging**.
3. Press  for **Short Codes**.
4. Select **Short Code list** and follow the on-screen instructions.

Shop

Wireless Web

Your phone comes equipped with Wireless Web access through your browser. You can view specially designed version of popular sites which includes sports, weather, news, stock quotes etc.... as well as downloadable ringtones and Wallpapers. When you launch the browser, the phone will connect to the Internet and the service indicator icon will display.

Note: Rates and pricing vary according to your service plan. Please contact your service provider for additional information.

Launching the Browser

To launch a web connection:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Wireless Web**.
4. You are connected to the Mobile Web Home page.

Web Connection Status and Indicators

Your phone's display lets you know the current status of your web connection through indicators which appear at the top of the screen. The following symbols are used:

-  Your web connection is active (data is being transferred).
-  Incoming voice calls go directly to voice mail; outgoing voice calls can be made, but the web connection will terminate.
-  When your web 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.

Navigating the Wireless Web

Navigating through menus and Web sites during a web session is easy once you've learned a few basics. Here are some tips for getting around:

Softkeys

When browsing the Web, 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 softkey buttons directly below the phone's display screen. Depending on which Web sites you visit, the labels on the softkeys may change to indicate their function.

To use softkeys, simply press the desired softkey button. If an additional pop-up menu appears when you press the softkey button, 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.

- Press the navigation key up and down to scroll line by line or press the volume buttons on the side of the phone to scroll one page at a time.

Navigating Between Web Pages

Once you've learned how to use softkeys and scroll, you can start navigating Web sites.

- Select on-screen items by using the navigation key to highlight the desired item, then press the desired softkey button (or press .

You'll find that the left softkey  is used primarily for selecting items.

- If the items on a page are numbered, you can use your keypad (number keys) to select an item.

Links, which appear as underlined text, allow you to jump to different Web pages, select special functions, or even place phone calls.

- Select links by highlighting the link and then selecting the appropriate softkey.

Tip: The tenth item in a numbered list may be selected by pressing the  key on your phone's keypad, even though the number 0 doesn't appear on the screen.

- To go back one page, press  on your phone. (Note that  is also used like a BACKSPACE key to delete text.)

Downloading Ringtones, Wallpapers, Games, and GPS Applications

With your new web enabled phone, you have access to a variety of services such as downloadable Ringtones, Wallpapers, Games and GPS applications.

Tip: You can access the **Shop** menu from the Idle screen by pressing .

Downloading Ringtones

To download an available ringtone to your phone:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Ringtones**.
4. Highlight **Get New** and press .
5. The browser will launch and take you to the **Ringtones** download menu.
6. Use your navigation key to highlight and select a ringtone you wish to download. (For more information on navigating the Web, see "Navigating the Wireless Web" on page 71.)
7. From the item information page, select **Buy**. You will be prompted with the cost of the ringtone.

Assigning Downloaded Ringtones

Downloaded Ringtones may be assigned directly from the Downloads menu and are also available through the Settings menu. To assign a downloaded ringtone through the Settings menu, see "Selecting Ringer Types for Voice Calls" on page 85. To assign a downloaded ringtone:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Ringtones**.
4. Highlight a ringtone and press the left softkey  followed by  for **Set As**.

5. You will be prompted with options on where to assign this ringtone (Voice Calls, Contacts entry, Messages, Alarms or Schedule). Press  for **Voice Calls**.
6. Press  for **Caller ID** or  for **No Caller ID**.
7. Press  to exit.

Note: You may assign a ringtone to multiple options (Voice Calls, Contacts entry, Messages, Alarm or Schedule).

Wallpaper

Downloading Wallpaper

To download a new Wallpaper to your phone:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Wallpaper**.
4. Highlight **Get New** and press . The browser will launch and take you to the Wallpaper download menu.
5. Use your navigation key to highlight and select a Wallpaper you wish to download. (For more information on navigating the Web, see "Navigating the Wireless Web" on page 71.)
6. From the item information page, select **Buy**. You will be prompted with the cost of the Wallpaper.

Assigning Downloaded Wallpapers

Downloaded Wallpapers may be assigned directly from the Downloads menu and are also available through the Settings menu. To assign a downloaded Wallpaper through the Settings menu, see "Changing the Wall Paper" on page 90.

To assign a downloaded Wallpaper from the Downloads menu:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Wallpaper**.
4. Highlight **Wallpaper** and press .
5. Highlight a **Wallpaper** and press the left softkey  for **Option**, followed by  for **Set As**.
6. Press  for **Wallpaper**.

Note: You may assign an Image to Wallpapers, Contacts entry, or Received Call.

Games

Downloading Games

To download an available game to your phone:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Games**.
4. Highlight **Get New** and press .
5. The browser will launch and take you to the **Games** download menu.

GPS Applications

Downloading GPS Applications

To download an available ringtone to your phone:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.

3. Press  for **GPS**.
4. Highlight **Get New** and press .
5. The browser will launch and take you to the **GPS** download menu.

Tools

Your phone is equipped with handy utility software. It can take memos, track important appointments, provide timely alarms and reminders and function as a calculator.

Voice Memo

You can use your phone to record voice memos that can be reviewed later. For more information, see "Voice Memos" on page 37.

Voice Dial

Your phone is equipped with voice recognition software that allows you to dial phone numbers or look up contacts hands-free. For more information, see "Voice Recognition" on page 29.

Calculator

Your phone comes with a built-in calculator.
To use the calculator:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **Calculator** and press .
5. Enter a number with the keypad. (Press  to insert a decimal point and/or  to make the number negative or positive.)
6. Use your navigation key to select a mathematical function:
 - **Left to Subtract**
 - **Up to Add**
 - **Right to Multiply**
 - **Down to Divide**
7. Enter the next number using the keypad. Repeat steps 5 and 6 as necessary.
8. Press  to view the results.

Alarm Clock

Your phone comes with a built-in alarm clock with multiple alarm times. To use the alarm clock:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **Alarm Clock** and press .

5. Press , , or  to select an Alarm.
6. Press the navigation key left or right and select **On**.
7. Press the navigation key down once and then press it right or left to select **AM** or **PM**.
8. Press the navigation key down once and then use the keypad to enter the alarm time.
9. Press the navigation key down once and then press the navigation key right or left to select the Alarm Interval. Alarm interval options include:
 - **Once**
 - **Every Sun**
 - **Daily**
 - **Every Sat**
 - **Mon-Fri**
 - **Every Weekend**
 - **Mon-Sat**
10. Press  to **Save**.

Schedule

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

To add an event to today's schedule:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **Schedule** and press . A calendar is displayed. Dates that have events scheduled have a box around them.
5. Press the left softkey  for **Options** and press  for **Add new**.

6. Enter the event description using the keypad and press



Tip: For more information on entering text using the keypad, see "Entering Text" on page 20.

7. Enter the time and date for this event using the keypad. Press the navigation keys up and down to move between the various Time Setup options. The Time Setup options are:
 - **Time:** use the navigation keys to select **AM** or **PM** and enter the time of the event using the keypad.
 - **Date:** enter the date of the event.
 - **Alarm Option:** Choose one of the following: **10Min before**, **30Min before**, **1Hour before**, **No alarm**, or **On time**.
8. When you are finished setting the time and date for your event, press to save your event.

Event Alerts

There are several ways your phone alerts you of scheduled events:

- By playing the assigned ringer type.
- By illuminating the backlight.

To select the Schedule ringer:

1. Press the left softkey for **MENU**.
2. Press for **Settings**.
3. Press for **Sounds**.
4. Press for **Ringer Type**.
5. Press for **Alarms**.

6. Press  for **Schedule**.
7. Press the navigation key up or down to highlight the desired ringer or melody and press .

Viewing Events

To view your scheduled events:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **Schedule** and press .
5. A calendar is displayed. Dates that have events scheduled have a box around them
 - To view a date's events, highlight that date using the navigation key and then press .
 - To jump ahead to a different date, press the left softkey  for **Options** and press  for **Jump to Date**. Enter the desired date using the keypad and press .
6. The first event for the day is displayed. If you have one or more events scheduled for this date, use the left and right navigation keys to scroll through all of the date's events.

Edit an Existing Event

To edit an existing event:

1. View the day that you wish to erase the events for. See "Viewing Events" on page 80 for more details.
2. Press the left softkey  for **Options**.
3. Press  to **Edit** the event.
4. Edit the event description using the keypad and press .

Tip: For more information on entering text using the keypad, see "Entering Text" on page 20.

5. Edit the time and date for the event and press  to confirm. For information on editing the time and date, see "Schedule" on page 78.

Erasing Events for a Day

To delete one or more events for a day:

1. View the day that you wish to erase the events for. See "Viewing Events" on page 80 for more details.
2. Press the left softkey  for **Options**.
3. Press  to **Erase** one event or  to **Erase All**.
4. Highlight **Yes** using the navigation key and press  to confirm.

Note Pad

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

To compose a note:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **Note Pad** and press .
 - If you have no memos composed, then the **Memo** menu is automatically displayed.

- If you have one or more composed memos, they are displayed. Press the left softkey  for **Options**, followed by  for **Add new**.
5. Enter up to 60 characters in the memo using the keypad and press  to **Save**. (For more details on entering characters, see "Entering Text" on page 20.)

To view, edit, or erase a note:

1. From the Tools menu, highlight **Note Pad** and press .
2. Use the navigation keys to scroll to the desired memo and press  to view the memo details.
3. Press the left softkey  for **Options**.
4. Select an option:
 - **Add new:** Enter a new memo. See “Note Pad” on page 81 for information.
 - **Edit:** Edit the currently highlighted memo.
 - **Erase** or **Erase All:** Press  to **Erase** the highlighted note or  to **Erase All**. Highlight **Yes** with the navigation key and press  to confirm.

World Clock

World Clock displays what time it is in twenty-five different time zones around the world together with one or more major cities, states, regions, or countries in a time zone.

To access world time:

1. Press the left softkey  for **MENU**.
2. Press  for **Shop**.
3. Press  for **Tools**.
4. Highlight **World Clock** and press .
5. Press the navigation key left, right, up, or down to display the different time zones.
6. To activate/deactivate Daylight Savings Time, press the left softkey  for **Options**. Select **Off** or **On** and press the left softkey  for **Select**.

Phone Settings

You can customize your phone's display, sound and other settings to the way you like it.

Sound Settings

Ringer Volume

You can adjust the volume of your phone using either the Menu or the volume keys on the side of your phone.
To adjust the ringer volume from the menu:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Ringer Volume**.
5. Press  for **Calls**,  for **Messages**, or  for **Alarms**.
6. Press the navigation key left or right until the desired volume level is selected and press  to save and exit.

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

Ringer Type

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

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.

To select a ringer type for voice calls:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Ringer Type**.
5. Press  for **Voice Calls**.
6. Press  for **Caller ID** or  for **No Caller ID**.
7. Press the navigation button up or down to select the desired Ringer.
8. Press  to save and exit.

Selecting Ringer Types for Messages

To select a ringer type for messages:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Ringer Type**.
5. Press  for **Messages**.

6. Press  for **Voice Mail**,  for **Text Messages** or  for **Web Alert**.
7. Press the navigation button up or down to select the desired Ringer.
8. Press  to save and exit.

Selecting Ringer Types for Alarms

To select a ringer type for alarms:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Ringer Type**.
5. Press  for **Alarms**.
6. Select **Alarm 1**, **Alarm 2**, **Alarm 3** or **Schedule** and press .
7. Press the navigation button up or down to select the desired Ringer.
8. Press  to save and exit.

Alerts

Your phone can 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.

The different actions available are:

- **Minute Beep** - An alert tone is sounded every minute that you are connected.
- **Call Connect** - An alert tone is sounded when you are initially connected.

- **Call Lost**- An alert tone is sounded when the signal fades and the connection is lost.
- **No Service**- An alert tone is sounded when you come out of your coverage area.

To enable or disable alert sounds:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Alerts**.
5. Press:
 -  for **Minute Beep**
 -  for **Call Connect**
 -  for **Call Lost**
 -  for **No Service**
6. Select **On** or **Off** using the navigation key and press  to save and exit.

Roam Ringer

You can set your phone to provide either a normal or a distinctive ringer type when roaming. To select a ringer type for incoming roam calls:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Roam Ringer**.

5. Select **Normal** or **Distinctive** and press  to save and exit.

Keypad Volume

To adjust the keypad volume:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Keypad**.
5. Press the navigation key right to increase or left to decrease the volume.
6. Press  to save and exit.

Tone Type

Your phone offers a number of options for selecting the type of tone accompanying a key press.

To select a key type:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Tone Type**.
5. Select **Normal** or **Xylophone** and press  to save and exit.

Tone Length

Your phone offers a number of options for selecting the audible tones accompanying a key press. Voice mail or other automated systems may require long or short time lengths to activate different features.

To select a key tone:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Tone Length**.
5. Select **Short** or **Long** and press  to save and exit.

Power On/Off

You can set the phone to generate a sound when powering on or off.
To set the Power On/Off setting:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Sounds**.
4. Press  for **Power On/Off**.
5. Select **On** or **Off** and press  to save and exit.

Display Settings

Changing the Phone's Menu Style

Your phone allows you to choose how the menu appears on your display screen.

To select the display's menu style:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Menu Style**.
5. Press the navigation key up or down to select **Icon** or **List** and press  to save and exit.

Note: For more information on menu style's, see "Menu Styles" on page 40.

Changing the Wall Paper

Your new phone offers options for what you see on the display screen when in standby mode.

To change the display images:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Wallpapers**.
5. Press  for **Preloaded** or  for **Downloads**. Local images come preloaded on your phone and cannot be changed. Downloaded images are images that you have chosen from your service provider.

Note: For more information on downloading images for your wall paper, see "Downloading Ringtones, Wallpapers, Games, and GPS Applications" on page 72.

6. Press the navigation key left or right until the desired image is displayed.
7. Press  to save and exit.

Changing the Incoming Call Display

Your new phone offers options for what you see on the display screen when receiving a call.

To change the display image when you receive a call:

1. Press the left softkey  for **MENU**.

2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Received Call**.
5. Press  for **Caller ID** or  for **No Caller ID**.
6. Press  for **No Image** or  for **Downloads**.
 - If you have selected **Downloads**, press the navigation key left or right until the desired image is displayed.

Note: For more information on downloading images for your wall paper, see "Downloading Ringtones, Wallpapers, Games, and GPS Applications" on page 72.

7. Press  to save and exit.

Changing the color of your Dialing Font

You can adjust the color so that it appears in color or monochromatic.

To change the dialing font color:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Dialing Colour**.
5. Press the navigation keys up or down to select one of the following and press :
 - **Basic** displays entered digits all in black.
 - **Rainbow** displays each digit in a different color.
 - **Monochrome** displays entered digits as a single color of your choice.

- **Hyphenate** displays each block of digits separated by hyphens in a different color.
6. A sample of the new Dialing color appears onscreen.
 - If you selected **Monochrome**, press the navigation keys left or right to select your desired color and press .
 - If you selected **Hyphenate**, press the navigation keys left or right to select your desired color for the first block of digits. Press the right softkey  to move to the **Next** block of digits. When you are finished, press the left softkey  for **Select**.
 - If you selected any other option, press  to save your changes.

Changing the Banner Text

The text greeting can be up to 12 characters and is displayed on your phone's screen in standby mode. You may choose to display a custom greeting or display your User Name on the phone's screen. To display or change your custom greeting:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Banner**.
5. Press and hold  to clear the existing greeting.
6. Use the keypad to enter a new custom greeting. (See "Entering Text" on page 20.)
7. Press  to save and exit.

Changing the Backlight Time Length

The backlight setting lets you select how long the display screen and keypad are illuminated after the handset is opened or any key press is made.

To change the backlight setting:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Backlight**.
5. Press  for **On**,  for **Dim**, or  for **Keypad**.
6. Use the navigation key to select:
 - **3 Seconds, 7 Seconds, 15 Seconds, 30 Seconds, Always On, or Always Off** for the On setting.
 - **1 Minute, 2 Minutes, 5 Minutes, 10 Minutes or Always On** for the Dim setting.
 - **7 Seconds, 15 Seconds, Always On, or Always Off** for the Keypad setting.
7. Press  to save and exit.

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

Changing the Contrast of your Displays

The Contrast setting adjusts the contrast of your main and front LCD screens. You can adjust the contrast if you have difficulty viewing the screen, particularly in sunlight.

To change the Contrast setting:

1. Press the left softkey  for **MENU**.

2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Contrast**.
5. Press  for **Main Display** or  for **Front Display**.
6. Press the navigation keys left or right to adjust the contrast level and press  to save your changes.

Changing Your Display's Theme Colour

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Display**.
4. Press  for **Theme Colour**.
5. Select **Purple**, **Blue** or **Green** using the navigation keys and press .

Games/Tools

Changing the Backlight Settings

The backlight setting lets you select how long the display screen and keypad is illuminated while playing games or using a tool.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Games/Tools**.
4. Press  for **Backlight**.
5. Use the navigation key to select **8 Seconds**, **15 Seconds**, **Always On** or **Always Off**.
6. Press  to save and exit.

Changing the Volume Settings

The Volume setting lets you adjust the volume level for games or tool is being used.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Games/Tools**.
4. Press  for **Volume**.
5. Use the left and right navigation key to select the volume and press  to save and exit.

Changing the Notification Settings

The Notification setting allows you to set whether or not your phone prompts you of incoming messages while playing games or using tools.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Games/Tools**.
4. Press  for **Notification**.
5. Press  for **Voice Mail**,  for **Text Message** or  for **Web Alert**.
6. Use the navigation key to select **On** or **Off**.
7. Press  to save and exit.

GPS Status

Your phone's GPS feature enables service providers to locate your position or emergency and other services.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **GPS Status**
4. Use the navigation keys to select **On** or **Emergency Only** and press  to save and exit.

Setup

Nav. Key Shortcuts

When in Idle mode, you can use the left and right navigation keys to launch an often-used function. The center navigation key cannot be changed.

To change the feature launched by a navigation key:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Nav. Key Shortcuts**.
5. Press  for **Left Nav Key** or  for **Right Nav Key**.
6. Press the navigation key up or down to select one of the following functions:
 - None
 - Ringer Type
 - Contacts
 - Display
 - Voice Memo
 - Alarms
 - Scheduler
 - Browser

- Voice Dial
- Shop

7. Press  to save and exit.

Call Setup

Call Answer

To set the actions required to answer an incoming call:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Call Setup**.
5. Press  for **Call Answer** and select one of the following:

- **Send Key**
- **Any Key**
- **Flip Open**

6. Press  to save and exit.

Auto-Answer

To answer calls when your phone is connected to an optional hands-free car kit or head set:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Call Setup**.
5. Press  for **Auto-Answer**.
6. Press the navigation key up or down to select **2 Seconds**, **4 Seconds**, **8 Seconds** or **Off**.
7. Press  to save and exit.

Auto-Prepend

When the Auto-Prepend feature is turned on, your phone automatically inserts a predetermined set of digits and symbols at the beginning of any number entered. For example, you could enter a '1' if all your calls are going to be long-distance.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Call Setup**.
5. Press  for **Auto-Prepend**.
6. Highlight **On** or **Off** using the navigation keys. If you select **On**, then enter the prepending sequence.
7. When you are finished, press .

Call Restriction

You can restrict the phone numbers that your phone can call. You can change the Restriction settings to prevent all calls, restrict calls to Contacts only or to only allow special numbers such as 911 or Customer Service.

To restrict calls:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Call Setup**.
5. Press  for **Call Restriction**.
6. Enter your security code.

Note: For more information security codes, see "Locking Your Phone" on page 104.

7. Press  for **Dialed Call**.
8. Using the navigation keys, select **Allow All, Contacts Only** or **Special# Only** and press .

Auto-Hyphen

When the Auto-Hyphen feature is turned on, your phone automatically inserts dashes between blocks of numbers, making them easier to read. Dashes are inserted into 7, 10 or 11 digit formats. For instance, if you enter the digits 4165551212, your phone will display the number as 416-555-1212.

To change turn Auto-Hyphen On or Off:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Call Setup**.
5. Press  for **Auto-Hyphen**.
6. Select **On** or **Off** using the navigation keys and press .

Note: Dialing 911, *911 or #911 disables Auto Prepend, allowing you to complete the emergency call.

Language

Your phone can display text in English or French. Language selection changes all menus and voice message settings.

1. Press the left softkey  for **MENU**.

2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Language**.
5. Press the navigation key up or down to select **English** or **French**.
6. Press  to save and exit.

Data Setup

Your phone is capable of sending and receiving digital data and fax calls when connected to a computing device (laptop, desktop, hand held, palmtop, etc.) running the Windows operating system. Your phone functions similar to a typical modem on your PC, enabling you to use wireless data involving a wide variety of Windows applications.

To use digital data or fax services with your phone, you will need to obtain a digital data/fax kit from your service provider. This kit contains the necessary cables, software, and documentation required for you to connect and use your phone with your computing device.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Setup**.
4. Press  for **Data Setup**.
5. Using the navigation keys, highlight the desired option.
 - **Off**: No incoming Data/Fax calls can be received.
 - **Fax In Once**: No Voice Calls can be received. Allows one incoming fax call, and then reverts to Off.

- **Fax In Always:** No Voice Calls can be received. Only allows incoming Fax calls.
- **Data In Once:** No voice calls can be received. Allows one incoming data transmission and then reverts to Off
- **Data In Always:** No voice calls can be received. Only allows incoming data transmissions.

6. Press  to save and exit.

Advanced

Phone Info

The Phone Info screen displays information about your handset's current hardware and software that is used for diagnostics.

To view your Phone Info:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Advanced**.
4. Press  for **Phone Info**.
5. Using the navigation keys, highlight the desired information and then press : **My Phone Number, Software Version, Hardware Version, ESN, PRL, Browser Version, Serving System, or Icon Glossary**.
6. When you are finished viewing the phone information, press  to exit.

System

For more information on System settings, see "Roaming" on page 27.

Security

For more information on Security settings, see "Phone Security" on page 104.

Memory Usage

The Memory Usage screen tells you how much of your phone's memory is used and how much remains available.

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Advanced**.
4. Press  for **Memory Usage**.
5. Your phone's memory usage is displayed. Press  when finished.

Memory Manager

The Memory Manager allows you to free up phone memory by deleting unwanted ringtones or wallpapers.

To delete a file:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Advanced**.
4. Press  for **Memory Manager**.
5. Use the navigation keys to select the category of the file or files that you wish to delete and press .
6. Select the file you wish to delete and press .

Tip: If you want to delete all the files in a category, press the left softkey  for **Options** and select **Erase All**.

Airplane Mode

Airplane Mode allows you to use many of your phone's features, such as Notepad or Scheduler, etc., when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information. All incoming calls will be sent directly to your voice mail box.

To set your phone to Airplane Mode:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Airplane Mode**.
4. Press the navigation key up or down to select **On** or **Off** and press  to save and exit.

While in Airplane Mode, your phone's standby screen will display "Phone off."

Phone Security

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.

To access the Security menu:

1. Press the left softkey  for **MENU**.
2. Press  for **Settings**.
3. Press  for **Advanced**.
4. Press  for **Security**.
5. Enter your lock code. (The security menu is displayed.)

Tip: If you can't recall your lock code, try using the last four digits of your Phone Number.

Locking Your Phone

When your phone is locked, you can only receive incoming calls or make calls to 911 or special numbers.

To lock your phone:

1. From the Security menu, press  for **Lock Phone**.
2. Using the navigation key, select **Unlocked, On Power-up** or **Lock Now**, and press .

Unlocking Your Phone

To unlock your phone:

1. Press the left softkey  for **MENU**.
2. Enter your lock code.

Changing the Lock Code

To change your lock code:

1. From the Security menu, press  for **Change Lock**.
2. Enter your new lock code. Your new lock code must have 4 digits.
3. Re-enter your new lock code.

Calling in Lock Mode

You can place calls to 911 and to your special numbers when in lock mode.

To place an outgoing call in lock mode:

- To call an emergency number or special number, enter the phone number and press .
- To place normal outgoing calls, press  to display the lock code screen. Enter your lock code. Enter the desired phone number and press .

Special

You can save up to three special numbers in addition to your Internal Contacts entries (the same number may be in both directories). You can make and receive calls from special numbers even when your phone is locked.

To add or replace a special number:

1. From the Security menu, press  for **Special #**.
2. Select a special # slot and press .
3. Enter the number using the keypad.
4. Press  to **Save**.

Note: There are no Speed Dial options associated with special numbers.

Erasing the Contacts

To erase all the names and phone numbers in your Contacts:

1. From the Security menu, press  for **Erase Contacts**.
2. Using the navigation key, select **Yes** and press  to permanently delete.

Erasing Content

This option deletes all saved downloaded content from the phone, including Ringtones, Wallpapers, and applications.

To erase your downloads:

1. From the Security menu, press  for **Erase Content**.
2. Using the navigation key, select **Yes** and press  to permanently delete.

Resetting Your Phone

Resetting the phone restores all the factory defaults, including the ringer types and display settings. The Contacts, Scheduler, and Messaging are not affected.

To reset your phone:

1. From the Security menu, press  for **Reset Phone**. Your phone will reset.
2. Using the navigation key, select **Yes** and press . Your phone will reset.

Safety

Getting the Most Out of Your Reception

Keeping Tabs on Signal Strength

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

Understanding the Power Save Feature

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

Understanding How Your Phone Operates

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

Knowing Radio Frequency Safety

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after

reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

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

- Hold the phone with the antenna raised, fully-extended, and over your shoulder.
- Try not to hold, bend, or twist the phone's antenna.
- Don't use the phone if the antenna is damaged.
- Speak directly into the mouthpiece.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it's inoperable, return it to a dealer store or call Customer Support for service.

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

Maintaining Safe Use of and Access to Your Phone

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

Using Your Phone While Driving

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

When using your phone in the car:

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

Following Safety Guidelines

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

Using Your Phone Near Other Electronic Devices

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

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

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

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

Turning Off Your Phone Before Flying

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

Turning Off Your Phone in Dangerous Areas

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

Turn off your phone when you're in any area that has a potentially explosive atmosphere. Although it's rare, your

phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

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

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

Restricting Children's Access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone, dial 911 by mistake or make calls that increase your phone bill.

Caring for the Battery

Protecting Your Battery

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

- Use only Samsung approved batteries and travel adapters. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.

- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. When used correctly, the battery can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
 - Less than one month:
4° F to 140° F (-20° C to 60° C)
 - More than one month:
4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Lilon) Batteries

For safe disposal options of your Lilon batteries, contact your nearest service center.

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

Note: For safety, do not handle a damaged or leaking Lilon battery.

Acknowledging Special Precautions and Industry Canada Notice

Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of hardware and can be broken. Use common-sense guidelines to avoid dropping, hitting, bending or sitting on it.

Cautions

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

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

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

Specific Absorption Rates (SAR) for Wireless Phones

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

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety. All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the SCH-a645 are:

1.11 W/kg CDMA Head SAR (Part 22)

1.17 W/kg CDMA Body SAR (Part 22)

1.22 W/kg PCS CDMA Head SAR (Part 24)

0.566 W/kg PCS CDAM Body SAR (Part 24)

Owner's Record

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

Model: **SCH-a645**

Serial No.:

User Guide Proprietary Notice

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

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

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

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

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

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

5,490,165 5,511,073

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

Warranty

STANDARD LIMITED WARRANTY

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

Phone	1 Year
Batteries	1 Year
Leather Case/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 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; (I) any of the seals on the battery are broken or show evidence of tampering; or (IA) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-800-Samsung. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the

property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

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- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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