

SGH-x496 Series

P O R T A B L E T r i - B a n d T E 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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Section 1: Getting Started

Topics Covered

- Activating Your Phone
 - Charging the Battery
 - Switching the Phone On and Off
 - Setting Up Voice Mail
 - Understanding this User Manual
-

This section explains how prepare your phone for use by activating your service and setting up your voice mail.

This section also explains how to contact customer support and provides an understanding of how this manual is put together.

Activating Your Phone

When you subscribe to a cellular network, you are provided with a plug-in Subscriber Identity Module (SIM) card loaded with your subscription details, such as your Personal Identification Number (PIN), any optional services available, and many others. We suggest that you read this guide to fully understand the services your phone supports.

Installing the SIM Card

Important! The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

Keep all SIM cards out of the reach of small children.

If necessary, switch off the phone by pressing and holding the  key until the power-off image displays.

If necessary, remove the battery by doing the following:

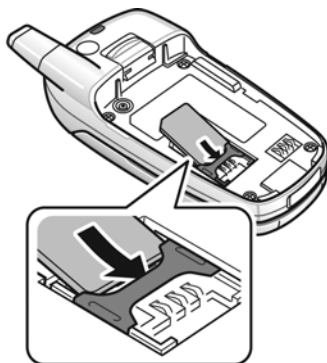
1. Slide the battery lock (1) toward the top of the phone and hold it in that position, as shown.



2. Lift the battery (2) away from the phone.

Insert the SIM card by doing the following:

1. Gently slide the SIM card into the SIM card socket so that the card locks into place. Make sure the gold contacts of the card face into the phone.



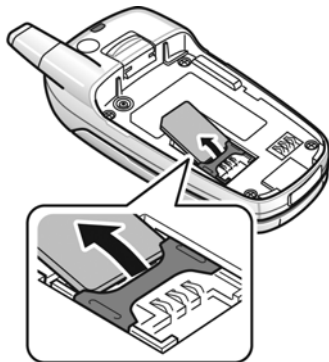
Section 1

2. Place the battery so that the tabs on the end align with the slots at the bottom of the phone (1).



3. Press the battery down (2) until it clicks into place. Make sure that the battery is properly installed before switching on the phone.

Note: When you need to remove the SIM card, remove the battery and slide the SIM card, as shown below, and take it out of the socket.



Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A partially-charged battery comes with your phone. A travel adapter comes with your phone for charging the battery.

Important! Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

You can use the phone while the battery is charging, but this causes the phone to charge more slowly.

Note: You must fully charge the battery before making or receiving calls with your phone for the first time. A discharged battery recharges fully in approximately 200 minutes.

To charge the battery, do the following:

1. With the battery in position on the phone, plug the connector of the travel adapter into the jack at the bottom of the phone.



2. Plug the adapter into a standard AC wall outlet.
3. When charging is finished, unplug the adapter from the power outlet and disconnect it from the phone by pressing the buttons on both sides of the connector and pulling the connector out.



Important! You must unplug the travel adapter before you remove the battery from the phone; otherwise, the phone could be damaged.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and the “Warning Low Battery” message repeats at regular intervals on the display. When this happens, your phone turns off the backlight to conserve the remaining battery power.

When the battery level becomes too low, the phone automatically turns off.

Switching the Phone On and Off

Note: You must fully charge the battery before making or receiving calls with your phone for the first time. For more information, see “Charging the Battery” on page 12.

Switching the Phone On

1. Open the phone folder, as shown.



2. Press and hold the  key until the phone switches on.

The phone searches for your network and after finding it, the Idle screen appears in the display.

Now, you can set up your voice mail account and make or receive calls.

Note: The display language is preset to **English** at the factory. To change the language, use the **Language** menu. See “Language” on page 140.

Switching the Phone Off

When you wish to switch the phone off, do the following:

- Press and hold the  key until the power-off image displays.

Setting Up Your Voice Mail

All unanswered calls to your phone are automatically transferred to your voice mail when your phone is in use on a call or is turned off. Therefore, you will probably want to set up your voice mail account and personal greeting as soon as your phone is activated.

To set up your voice mail account:

1. Press and hold the  key. Your phone will automatically call the Voice Mail system.
2. Follow the Voice Mail system prompts to:
 - Create your pass code
 - Record your greeting
 - Record your name announcement

Accessing Your Voice Mail

Menu Method

To access your voice mail using the menus, do the following steps:

1. Open the folder to access your keypad.
2. In Idle mode, press the **Menu** (left) soft key () , then press  for **Recent Calls**,  for **Voice Mail**, and  for **Connect to Voice Mail**.

Your phone dials the stored Voice Mail number.

3. When connected, follow the voice prompts to access messages.

Keypad Method

To access your voice mail using the keypad, do the following steps:

1. Open the folder to access your keypad.
2. In Idle mode, press and hold the  key.
Your phone dials the stored Voice Mail number.
3. When connected, follow the voice prompts to access messages.

Changing the Voice Mail Number

Your service provider has stored the default voice mail number on your SIM card. If you need to change that number, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  for **Recent Calls**,  for **Voice Mail**,  for **Voice Server Number**, and  for **Voice Server 1**.

The following options appear in the display:

- **Edit Number** — lets you change the Voice Mail number
 - **Edit Name** — lets you change the name for the Voice Mail number
 - **Delete** — deletes the Voice Mail number
2. Press  for **Edit Number**.
 3. Use the navigation keys and press the  key to delete individual digits and then enter the new digit(s), or press and hold the  key to erase the current number enter a new one.
 4. Press the **OK** (left) soft key () to save your changes.
 5. Press the  key to return to Idle mode.

Understanding this User Manual

The sections of this manual generally follow the same order as the menus and sub menus in your phone. A robust index for quick reference to most features begins on page 271.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 235.

Notes and Tips

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

- **Notes:** Explain alternative options within the current feature, menu, or sub menu.
- **Tips:** Provide quick or innovative methods for performing functions related to the subject at hand.
- **Fast Facts:** Are like snippets from a glossary. Fast facts provide definitions in context and proximity to the menu or feature in question.
- **Important:** Points out important information about the current feature that could affect performance, or even damage your phone.

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
 - Front Views of Your Phone
 - Understanding the Display Screen
-

This section describes some key features of your phone, including its display and the icons that will appear when you use the phone.

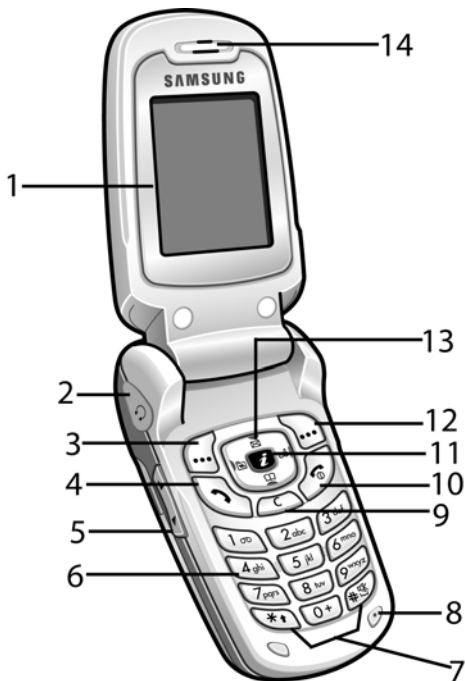
Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone:

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data [General Packet Radio System (GPRS)]
- Personal Information Manager (PIM) functions (Organizer, Calculator, Unit Conversion, Stop Watch)
- Speaker phone
- Multimedia Messaging capability
- Broadcast Messaging capability (Active if supported by the network or by your SIM card.)
- 64-Note Polyphonic Ring tones

Front Views of Your Phone

Open View



1. **Display (internal)** — Display area where text and graphics are displayed.
2. **Headset jack** — The headset jack is used for the hands-free headset.

3. **Left Soft key** — Performs the functions indicated by the screen text on the bottom line of the display.
4. **Dial/Menu confirm key** — Makes or answers a call.
In Idle mode, recalls the last number dialed or received when held down.
In Menu mode, selects a menu function or stores information that you have entered, such as a name in the phone or SIM memory.
5. **Volume key** — During a call, adjusts the earpiece volume. In idle mode, adjusts the ringtone volume.
6. **Alphanumeric Keypad** — Enters numbers, letters, and some special characters.
7. **Special function keys** — Enters special characters. Performs various functions.
8. **Microphone** — The microphone used during phone calls and voice memo recordings.
9. **Clear/Cancel key** — Deletes characters from the display.
In Menu mode, returns you to the previous menu level.
When you hold down **C** key, you can access New memo in Organize menu directly.
10. **Power (on/off)/Exit key** — Ends a call. Also switches the phone on and off when held down.
In Menu mode, cancels your input and returns the phone to Idle mode.

- 11. WAP browser/Menu confirm key** — In Idle mode, launches the WAP (Wireless Application Protocol) browser.
In Menu mode, selects the highlighted menu options.
- 12. Right Soft key** — Performs the functions indicated by the screen text on the bottom line of the display.
- 13. Navigation (up/down/left/right) keys** — In Menu mode, scrolls through the menus and Phone book.
In Idle mode, the Down key allows you to access the **Phone book** menu directly.
When entering text, moves the cursor to the left or right, depending on which side you push.
- 14. Earpiece/Speaker** — used to listen to audio from your phone

Closed View

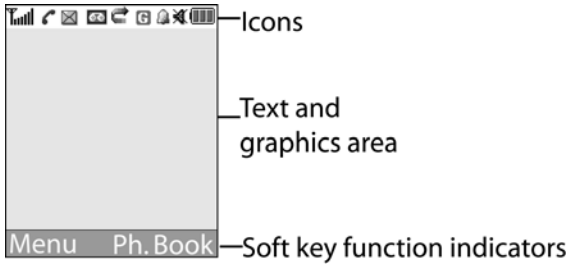


15. Display (external) — The external display shows the received signal strength, the phone battery level, the date and time.

16. Antenna — Ensures normal operation in weak signal areas.

Understanding the Display Screen

The display has 3 areas:



Display Icons



Appears when your phone is on and indicates the current signal strength. More lines indicate a stronger signal.



Appears when a new text message has been received.



Appears when a new voice mail has been received.



Appears when a new multimedia message has been received.



Appears when you set an alarm to ring at a specified time. For details, see “Alarms” on page 176.



Appears when you are out of your service area.



Appears when a call is in progress.



Appears when the Call Forwarding feature is active. For details, see “Call Forwarding” on page 154.



Appears when you are connected to the GPRS network (such as, when you are connected to a WAP service).



Appears when Silent mode is active or you set the phone to vibrate when you receive a call.



Shows the level of your battery. The more bars you see, the more power you have remaining.

Backlights

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

Note: The display backlights turn off after one minute to conserve battery power.

To specify the length of time the backlight is active, set the Back light menu.

External Display

Your phone has an external display on the outside of the folder. When you close the phone, the external display shows a digital clock.

Icons that appear in the external display indicate the following:

- Incoming calls and messages
- Alarm and alert icons
- Battery charge level
- Signal strength icon

Section 3: Call Functions

Topics Covered

- Making a Call
 - Adjusting the Call Volume
 - Answering a Call
 - Call Log
 - Recent Calls
 - Silent Mode
 - Selecting Functions and Options
 - Options During a Call
-

This section allows you to make or answer a call. It also includes the features and functionality associated with making or answering a call.

Making a Call

When the idle screen displays, enter the area code and phone number, and press the  key.

Note: When you activate the Auto redial option in the Extra settings menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. See page “Extra Settings” on page 142 for further details.

Making an International Call

1. Press and hold the **0** key. The **+** character appears.
2. Enter the country code, area code, and phone number and press the .

Correcting the Number

1. To clear the last digit displayed, press the .
2. To clear any other digit in the number, press the **Left** or **Right** key until the cursor is immediately to the right of the digit to be cleared. Press the .
3. To clear the whole display, press and hold the .

Ending a Call

When you want to finish your call, briefly press the .

Redialing the Last Number

The phone stores the numbers of the calls you've dialed, received, or missed if the call recipient or caller is identified. See “Caller ID” on page 157 for further details.

To recall any of these numbers:

1. If you have typed characters on the display, press the  key to return to Idle mode.
2. Press the  key to display a list of the most recent numbers used in the order you dialed or received them.
3. Use the **Up** and **Down** keys to scroll through the numbers until the number you want highlights.
4. To dial the number, press the  key.

Before you dial the number, press the **Options** soft key to display the following options:

- To see details of the number, press the **Options** soft key and select **Details**. Press the **Select** soft key or the  key.
- To call back the number, press the **Options** soft key and select **Call back**. Press the **Select** soft key or the  key. The number is dialed.
- To save the number to your phone or SIM, press the **Options** softkey and select **Paste**. Press the **Select** soft key or the  key.
- To send a text or picture message to the number, press the **Options** soft key and select **Send Message**. Press the **Select** soft key or the  key.
- To delete the number, press the **Options** soft key and select **Delete**. Press the **Select** soft key or the  key.
- To delete all of the numbers, press the **Options** soft key and select **Delete all**. Press the **Select** soft key or the  key.

Making a Call from the PhoneBook

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called PhoneBook.

Once you have stored a number in the PhoneBook, you can dial it by pressing a few keys. You can also assign your most frequently-used numbers to number keys using the Speed Dial feature.

For further details about the Phone book feature, see "Finding and Dialing a PhoneBook Entry" on page 80.

Adjusting the Call Volume

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

Press the ▲ key to increase the volume level and the ▼ key to decrease the level.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, or name if stored in Phone book, displays.

1. If necessary, open the phone. Press the  key or the **Accept** soft key to answer the incoming call.
If the **Anykey answer** option in the **Extra settings** menu is activated, you can press any key to answer a call except for the  key and the **Reject** soft key.

If the **Open to Answer** option in the **Extra settings** menu is activated, you can answer the call simply by opening the phone.

Note: To reject an incoming call, press and hold the Volume keys on the left side of the phone before opening the phone, or press the **Reject** soft key or  key.

2. End the call by closing the phone or pressing the  key.

Note: You can answer a call while using the Phone book or menu features. After ending the call, the phone returns to the function screen you were using.

Call Log

All made, received and missed calls are listed in the Call Log.

1. To access the Call Log option, press the  key. A list of calls displays.
2. Press the **Options** soft key to get Details, Call Back, Paste, Send Message, or Delete the calls.
3. To place a call press the  key.

Recent Calls

In this menu, you can view missed calls, call received, and calls made.

Viewing Missed Calls

When you are unable to answer a call for any reason, you can find out who is calling you, if this service is available, so that you can call the person back.

The number of calls you have missed displays on the idle screen immediately after a call is missed.

To view a missed call immediately:

1. If the phone is closed, open the phone.
2. Press the **Missed** soft key.

The number corresponding to the most recent missed call displays, if available.

3. To scroll through the missed calls, press the **Up** or **Down** key.
4. To call the number displayed, press the  key.

Viewing Calls Received

Your phone retains information about the last 20 incoming calls and stores them in the Calls Received log. You can review the Calls Received log for the time and date of the call, as well as other information.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Calls Received** and press the **Select** soft key or the  key. Your list of **Calls Received** appear in the display.

3. Use the **Up** or **Down** Navigation key to highlight a call, then press the **i** key to details about your call.
4. Press the **Options** soft key to display the following options:
 - Call Back: calls the selected number.
 - Paste: saves the number to your phone or SIM.
 - Send Message: allows you to send a SMS or Multimedia message to the specified number.
 - Delete: erases the selected call from the Calls Made log.
 - Delete All: erases the entire Calls Made log.
5. Use the **Up** or **Down** Navigation key to highlight an option.
6. Press the **i** key to perform the option's function.

Viewing Calls Made

Your phone retains information about the last 20 outgoing calls and stores them in the Calls Made log. You can review the Calls Made log for the time and date of the call, as well as other information.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Calls Made** and press the **Select** soft key or the **i** key. Your list of **Calls Made** appear in the display.
3. Use the **Up** or **Down** Navigation key to highlight a call, then press the **i** key to details about your call.

4. Press the **Options** soft key to display the following options:
 - Details: shows the called number, time, and date information for the selected call.
 - Call Back: calls the selected number.
 - Paste: saves the number to your phone or SIM.
 - Send Message: allows you to send a SMS or Multimedia message to the specified number.
 - Delete: erases the selected call from the Calls Made log.
 - Delete All: erases the entire Calls Made log.
5. Use the **Up** or **Down** Navigation key to highlight an option.
6. Press the **i** key to perform the option's function.

Voice Mail

See “Accessing Your Voice Mail” on page 16 for more information.

Delete All

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Delete All** and press the **Select** soft key or the **i** key. The following selections appear in the display.
 - All Calls: deletes all calls.
 - Missed Calls: deletes Missed Calls.
 - Calls Received: deletes Calls Received.
 - Calls Made: deletes Calls Made.

3. Press the **Up** or **Down** Navigation key to highlight the **Delete All** option.
4. Press the **Select** soft key or the **i** key.

Note: A check mark displays next to the log(s) to be deleted.

5. Press the **OK** soft key.
6. To confirm deletion, press the **Yes** soft key or the **No** key to return.

Call Time

Call Time allows you to view the duration of your Last Call, Total Made, and Total Received during the life cycle of your phone.

Note: **Call Time** is not for billing purposes.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Call Time** and press the **Select** soft key or the **i** key. The options listed appear in the display.
 - Last Call: view the duration of your last call.
 - Total Made: view the duration of the Calls Made.
 - Total Received: view the duration of the total of your Calls Received.
 - Life Time: view the total duration of all calls since phone was manufactured.
 - Reset Timers: resets timers (except Life Time).

Press the number of the option you wish to enter, or use the navigation key to highlight the option and press the **Select** soft key or the **i** key.

Data Volume

Data Volume lets you view the amount of data that has been sent or received (or a total of both) using the WAP-based services that your phone supports.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Recent Calls**) and press  for **Data Volume**. The following options appear in the display:
 - **Recent Volume** — Shows the volume of data transferred during your last data call.
 - **Total Volume** — Shows the total volume of data transferred since you last reset the Data Volume counters.
 - **Reset Volume** — Resets the Data Volume counters.
2. Use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the **i** key. The Recent Volume and Total Volume screens show the following information:
 - **Sent** — Shows the amount of data (in kilobytes) that your phone has transmitted during the last data call or since last being reset.
 - **Received** — Shows the amount of data (in kilobytes) that your phone has received during the last data call or since last being reset.
 - **Total** — Shows the amount of data (in kilobytes) that your phone has transmitted and received during the last data call or since last being reset.

Data Call Time

Data Call Time lets you view the duration of your Last WAP-based Data Call, Total Made WAP-based calls time, and Total Received WAP-based calls time during the life cycle of your phone.

Note: Data Call Time is not for billing purposes.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Recent Calls**) and press  for **Data Call Time**. The following options appear in the display:
 - **Recent Time** — Shows the duration of your last call
 - **Total Time** — Shows the duration of all data calls made since you last reset the Data Call timers
 - **Reset Timers** — Resets the Data Call timers
2. Use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the  key. The Recent Time and Total Time screens show the data call durations in hours, minutes, and seconds.

Silent Mode

Silent mode is convenient when you wish to stop the phone from making noise, in a theater for example.

In Idle mode, press and hold the  key until the “Silent Mode Activated” message and the Silent Mode icon () display.

In Silent mode, instead of sounds, your phone will vibrate, or flash its light, depending on the function and the situation.

To exit and reactivate the previous sound settings, press and hold the  key again until “Silent Mode Deactivated” appears. The Silent mode icon () no longer displays.

Selecting Functions and Options

Your phone offers a set of functions that allow you to customize it. These functions are arranged in menus and sub-menus, accessed using the two soft keys. Each menu and sub-menu allows you to view and alter the settings of a particular function.

Soft Keys

The roles of the soft keys vary depending on the function you are currently using; the labels on the bottom line of the display just above each key indicate their current role.

The following diagram shows the soft key role while in idle mode.



Press the left
soft key for
Menu mode.

Press the right
soft key to access
the Phonebook.

Selecting Options

To view the various functions and options available and to select the one you want:

1. Press the appropriate soft key.
2. To select the function displayed or the option highlighted, press the **Select** soft key or the  key.
3. To view the next function or highlight the next option on a list, press the **Down** Navigation key.
4. To move back to the previous function or option on a list, press the **Up** navigation key.
5. To move back up one level in the menu structure, press the  key.
6. To exit the menu structure without changing the settings, press the  key.

In some functions, you may be asked for a password or PIN. Enter the code and press the **OK** soft key or the  key.

When you access a list of options, your phone highlights the currently active option. If, however, there are only two options, such as **On/Off** or **Enable/Disable**, your phone highlights the option that is not currently active, so that you can select it directly.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Using the Speakerphone

While on a call, you can use your Speakerphone by following these steps:

1. Press the **Options** (left) soft key (.
2. Highlight **Loud Spkr On** and press the **Select** (left) soft key (.
3. To turn the **Loud Spkr Off**, press the **Options** (left) soft key () and highlight **Loud Spkr Off** and press the **Select** soft key.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can make another call while you have a call in progress if your network supports this service.

To place a call on hold, simply:

1. Press the **Options** (left) soft key (.
 2. Highlight **Hold** and press the **Select** (left) soft key (.
- You can reactivate the call whenever you want, by pressing the **Resume** (right) soft key (.

To make a call while you have a call in progress:

1. Put the current call on hold as before.
2. Make the second call in the normal way.

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to activate and placing the other on hold.

To switch between the two calls, simply press the **Swap** soft key.

The current call is placed on hold and the call on hold is reactivated so that you can continue conversing with that person.

When you want to finish, end each call normally by pressing the  key.

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You wish to say something to person in the room, but do not want the person on the phone to hear you.

To switch the microphone off temporarily:

1. Press the **Mute** soft key.
2. The other person can no longer hear you.

To switch the microphone back on:

1. Press the **Unmute** soft key.
2. The other person can hear you again.

Muting or Sending Key Tones

These options allow you to turn the key tones off or on. If the **Mute keys** option is selected, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which allows you to press keys without hearing annoying key tones during a call.

Note: To communicate with answering machines or computerized telephone systems, the **Send keys** option must be selected.

Searching for a Number in PhoneBook During a Call

You can search for a number in PhoneBook during a call.

1. Press the **Options** soft key or the **i** key.
2. Press the **Down** key to highlight the **PhoneBook** option.
3. Press the **Select** soft key or the **i** key.
4. Use navigation keys to highlight **Contact List** and press the **Select** soft key or the **i** key.

The Phone book entries are listed.

5. Enter the name that you wish to find.
6. If you enter the first few letters of the name, the Phone book entries are listed starting with the first entry matching your input.
7. To view the highlighted entry, press the **View** soft key or the **i** key.

For further details about the Phone book feature, see “Finding and Dialing a PhoneBook Entry” on page 80.

Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have set the Call waiting menu to Activate. You are notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress:

1. Press the  key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Swap** soft key.

To end a call on hold, press the **Options** soft key or the  key and select the **End held** call option.

To end the current call, press the  key.

Making a Multi-Party Call

A multi-party call is a network service that allows up to six people (depending on your SIM card) to take part simultaneously in a multi-party or conference call.

For further details about subscribing to this service, contact your service provider.

Setting up a Multi-Party Call

1. Call the first participant in the normal way.
2. Call the second participant in the normal way. The first call is automatically put on hold.
3. To join the first participant to the multi-party call, press the **Options** soft key or the  key and select **Join**. Press the **Select** soft key or the .

4. To add a new person to the multi-party call, call the new person in the normal way and then press the **Options** soft key or the  key. Select the **Join** option and press the **Select** soft key or the  key.

You can add incoming callers by answering the call and pressing the **Options** soft key or the  key, and selecting **Join**. Repeat as required.

Having a Private Conversation With One Participant

1. Press the **Options** soft key or the  key and choose the **Split** option. Press the **Select** soft key or the  key.
The list of call participants appears.
2. Highlight a person by pressing the **Up** or **Down** key, and press the **Select** soft key, the  key, or the  key.
Now you can talk privately to that person. The other participants can continue to converse with each other.
3. To return to the multi-party call, press the **Options** soft key or the  key and select **Join**. Press the **Select** soft key or the  key.

All of the multi-party call participants can now hear each other.

Dropping All But One Participant

1. Press the **Options** soft key or the **i** key and choose the **Split** option. Press the **Select** soft key or the **i** key.
The list of call participants appears.
2. Highlight a person by pressing the Up or Down key, and press the **Select** soft key, the **i** key.
Now you can talk privately to that person.
3. To drop the other participants who are now on hold, press the **Options** soft key or the **i** key.
4. Highlight the **End held multiparty** option, then press **Select** soft key, the **i** key.

The call with all other participants ends, but you can continue to talk to the selected participant.

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
 - Navigation Key Shortcuts
 - In Use Menu Outline
 - Menu Outline
-

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

Menu Navigation

You can tailor the phone's range of functions to your needs using menus and sub-menus. Menus and sub-menus can be accessed by scrolling using the navigation keys or the Volume keys or by using the shortcuts.

There are two way for accessing a menu option.

- Navigating through the list.
- Entering the shortcut number of the menu option.

Navigating through the List

1. In Idle mode, press the **Menu** (left) soft key () to access the main menus.
2. Scroll using the navigation keys to reach a main menu, **Settings** for example. Press the **Select** (left) soft key () or the  key to select the menu.
3. You can access them by scrolling using the **Up** and **Down** navigation keys and pressing the **Select** (left) soft key () or the  key.

If the menu that you have selected contains further options, repeat this step.

4. Select an option and press the **Select** (left) soft key () or the  key to confirm the chosen setting.

Using Shortcuts

The menu items, such as menus, sub-menus, and options, are numbered and can be accessed quickly by using their shortcut numbers. For the main menus, you can access any one of them by pressing the number

keys (1 to 0) corresponding to their location on the screen.

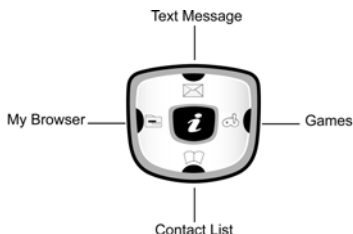
Example: Accessing the **Language** menu.

1. Press the **Menu** (left) soft key ()
2. Press the  key for **Settings**.
3. Press the  key for **Phone Settings**.
4. Press the  key for **Language**.
5. Press the  key for **Text Language**.

The available languages display.

Navigation Key Shortcuts

Some applications can be launched by pressing one of the four navigation keys (see the illustration) while in Idle mode.



In Use Menu Outline

Your phone includes both a standby menu and an In-Use Menu. The In-Use Menu applies to when you are in a call. For more detail see “Options During a Call” on page 40.

1. While in a call press the **Options** (left) soft key () . The following options appear in the display:
 - **Loud Spkr On** — turns the speaker phone on
 - **Hold** — lets you place a caller on hold
 - **New Call** — lets you make or accept another call
 - **PhoneBook** — accesses the Contact List
 - **Text Message** — lets you send a text message to your caller
 - **Mute Keys** — lets you turn the key tones off or on
 - **Send DTMF** — sends your phone number as Dual Tone Multi-Frequency (DTMF) tones (if you're the recipient of the call). Sends the recipient's phone number as tones (if you're the originator of the call).
2. Use the **Up** or **Down** navigation keys to highlight an option.
3. Press the **Select** (left) soft key () to select the In-Use Menu of your choice.

Menu Outline

1 Recent Calls

- 1.1 Missed Calls
- 1.2 Calls Received
- 1.3 Calls Made

- 1.4 Voice Mail
 - 1.4.1 Connect to Voice Mail
 - 1.4.2 Voice Server Number
- 1.5 Delete All
- 1.6 Call Time
 - 1.6.1 Last Call
 - 1.6.2 Total Made
 - 1.6.3 Total Received
 - 1.6.4 Life Time
 - 1.6.5 Reset Timers
- 1.7 Data Volume
 - 1.7.1 Recent Volume
 - 1.7.2 Total Volume
 - 1.7.3 Reset Volume
- 1.8 Data Call Time
 - 1.8.1 Recent Time
 - 1.8.2 Total Time
 - 1.8.3 Reset Timers

2 Messaging

- 2.1 Text Message
 - 2.1.1 Create
 - 2.1.2 Inbox
 - 2.1.3 Outbox
 - 2.1.4 Delete All
- 2.2 Multimedia Message
 - 2.2.1 Create
 - 2.2.2 Inbox

- 2.2.3 Outbox
- 2.2.4 Draft
- 2.2.5 Delete All
- 2.3 Browser Messages
 - 2.3.1 Inbox
 - 2.3.2 Setting
 - 2.3.3 Delete All
- 2.4 Templates
- 2.5 Broadcast Messages*
 - 2.5.1 Read
 - 2.5.2 Receive
 - 2.5.3 Channel
 - 2.5.4 Language
- 2.6 Settings
 - 2.6.1 Text Message
 - 2.6.1.1 Service Center
 - 2.6.1.2 Validity Period*
 - 2.6.1.3 Message Type*
 - 2.6.1.4 Reply Path*
 - 2.6.1.5 Delivery Report*
 - 2.6.1.6 Character Support
 - 2.6.2 Multimedia Message
 - 2.6.2.1 Send Settings
 - 2.6.2.1.1 Priority
 - 2.6.2.1.2 Validity Period
 - 2.6.2.1.3 Delivery After
 - 2.6.2.1.4 Delivery Report
 - 2.6.2.1.5 Read Reply
 - 2.6.2.2 Receive Settings

- 2.6.2.2.1 Msg. Reception
 - 2.6.2.2.2 Anonymous Reject
 - 2.6.2.2.3 Ads Reject
 - 2.6.2.2.4 Report Allowed
 - 2.6.2.3 Multimedia Message Profiles
 - 2.6.2.3.1 Current Profile
 - 2.6.2.3.2 Profile Setting
- 2.7 Memory Status
 - 2.7.1 Text Message
 - 2.7.2 Multimedia Message

3 Games

- 3.1 Download Games
- 3.2 My Games
- 3.3 Settings
 - 3.3.1 APN
 - 3.3.2 Login ID
 - 3.3.3 Password
 - 3.3.4 DNS Settings
- 3.4 Memory Status

4 Applications

- 4.1 Alarm
- 4.2 Organizer
 - 4.2.1 New Memo

- 4.2.2 Calendar
- 4.2.3 To Do List
- 4.3 Calculator
- 4.4 Record Audio
 - 4.4.1 Record
 - 4.4.2 Recorded Audio
 - 4.4.3 Delete All
 - 4.4.4 Settings
 - 4.4.4.1 Recording Time
 - 4.4.4.2 Volume
 - 4.4.4.3 Default Name
 - 4.4.5 Memory Status
- 4.5 Unit Conversion
 - 4.5.1 Length
 - 4.5.2 Weight
 - 4.5.3 Volume
 - 4.5.4 Area
 - 4.5.5 Temperature
- 4.6 Timer
- 4.7 Stopwatch
- 4.8 World Time

5 Internet

6 Sound Settings

- 6.1 Incoming Calls
 - 6.1.1 Download Ringtones
 - 6.1.2 Default Ringtones

- 6.1.3 My Audio
- 6.1.4 Ring Volume
- 6.1.5 Alert Type
- 6.2 Keypad Tone
 - 6.2.1 Default Keypad Tone
 - 6.2.2 Volume
- 6.3 Message Tone
 - 6.3.1 Text Message
 - 6.3.1.1 Tone
 - 6.3.1.2 Alert Type
 - 6.3.1.3 Repetition
 - 6.3.2 Multimedia Message
 - 6.3.2.1 Tone
 - 6.3.2.2 Alert Type
 - 6.3.2.3 Repetition
- 6.4 Power On/Off
- 6.5 Silent Mode
- 6.6 Extra Tone

7 My Browser

- 7.1 My Browser
 - 7.1.1 Home
 - 7.1.2 Favorites
 - 7.1.3 Go to URL
 - 7.1.4 Browser Profiles
 - 7.1.4.1 Current Profile
 - 7.1.4.2 Profile Settings
 - 7.1.5 Clear Cache
- 7.2 Downloaded Graphics

- 7.3 Audio
 - 7.3.1 Downloaded Ringtones
 - 7.3.2 Record Audio
 - 7.3.3 Recorded Audio
- 7.4 Delete
 - 7.4.1 Downloaded Graphics
 - 7.4.2 Audio
- 7.5 Memory Status

8 PhoneBook

- 8.1 Contact List
- 8.2 FDN List
- 8.3 New Entry
 - 8.3.1 Phone
 - 8.3.2 SIM
 - 8.3.3 SIM (FDN)
- 8.4 Speed Dial
- 8.5 Copy All to Phone
- 8.6 Delete All
- 8.7 Own Number
- 8.8 Group Setting
 - 8.8.1 Family
 - 8.8.1.1 Ringtones
 - 8.8.1.1.1 Ringtones
 - 8.8.1.1.2 Not Assigned
 - 8.8.1.2 Edit Name
 - 8.8.1.3 View Image
 - 8.8.2 Friends

- 8.8.2.1 Ringtone
 - 8.8.2.1.1 Ringtone
 - 8.8.2.1.2 Not Assigned
 - 8.8.2.2 Edit Name
 - 8.8.2.3 View Image
 - 8.8.3 Partnership
 - 8.8.3.1 Ringtone
 - 8.8.3.1.1 Ringtone
 - 8.8.3.1.2 Not Assigned
 - 8.8.3.2 Edit Name
 - 8.8.3.3 View Image
 - 8.8.4 Office
 - 8.8.4.1 Ringtone
 - 8.8.4.1.1 Ringtone
 - 8.8.4.1.2 Not Assigned
 - 8.8.4.2 Edit Name
 - 8.8.4.3 View Image
 - 8.8.5 Other
 - 8.8.5.1 Ringtone
 - 8.8.5.1.1 Ringtone
 - 8.8.5.1.2 Not Assigned
 - 8.8.5.2 Edit Name
 - 8.8.5.3 View Image
 - 8.9 Memory Status
 - 8.0 Service Number

9 Settings

- 9.1 Time & Date
 - 9.1.1 Set Time
 - 9.1.2 Set Date
 - 9.1.3 Time Format

- 9.1.4 Auto Update
- 9.2 Phone Settings
 - 9.2.1 Language
 - 9.2.1.1 Text Language
 - 9.2.1.2 Input Mode
 - 9.2.2 Greeting Message
 - 9.2.3 Extra Settings
- 9.3 Display Settings
 - 9.3.1 Wallpaper
 - 9.3.1.1 Download Graphics
 - 9.3.1.2 Animations
 - 9.3.1.3 Graphics
 - 9.3.1.4 Text Position
 - 9.3.1.5 Text Color
 - 9.3.2 Skin
 - 9.3.3 Backlight Time
 - 9.3.4 Brightness Control
 - 9.3.4.1 Main LCD
 - 9.3.4.2 External LCD
 - 9.3.5 Dialing Font Color
- 9.4 Network Services
 - 9.4.1 Call Forwarding
 - 9.4.1.1 Forward Always*
 - 9.4.1.2 Busy*
 - 9.4.1.3 No Reply*
 - 9.4.1.4 Unreachable*
 - 9.4.1.5 Cancel All*
 - 9.4.2 Call Waiting*
 - 9.4.3 Network Selection*
 - 9.4.4 Caller ID

- 9.5 Security
 - 9.5.1 PIN Check
 - 9.5.2 Change PIN
 - 9.5.3 Phone Lock*
 - 9.5.4 Change Password
 - 9.5.5 Privacy
 - 9.5.6 SIM Lock
 - 9.5.7 FDN Mode*
 - 9.5.8 Change PIN2*
- 9.6 Reset Settings
 - 9.6.1 All
 - 9.6.2 Phone Settings
 - 9.6.3 Display Settings
 - 9.6.4 Sound Settings

*** Active only if network is available or if supported by your SIM card.**

Section 5: Entering Text

Topics Covered

- Changing the Text Input Mode
 - Using T9 Mode
 - Entering Text in ABC Mode
 - Entering Symbols
 - Entering Numbers
-

This section outlines how to select the desired text input mode when entering characters into your phone (for example: contact names and e-mail addresses, text messages, and memos).

This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes associated with entering text.

Changing the Text Entry Mode

You can use the keys on your phone to enter text composed of alphabetical characters, symbols, and numbers. This is made possible by changing sets of characters the keys enter or the method of entry. Each character set or entry method (symbol, number, etc.) is called a text entry mode. Your phone provides the following four text entry modes:

- **ABC** — Alphabetical text entry mode. Press each key repeatedly until the desired letter appears in the display.
- **T9** — Predictive text mode. Press each key only once to enter each letter of the word that you're spelling.
- **Symbolic** — Symbol entry mode. Enter symbols into your message by pressing the corresponding number that appears above each symbol in the display.
- **Number** — Number entry mode. Enter numbers by pressing the corresponding key on the keypad.

Your current mode of text entry (ABC, T9, or 123) is indicated in the lower right part of the display when composing a text message.

Change Text Entry Modes

1. While composing a text message, press the **Right** soft key (⋮). The following options appear in the display:
 - **ABC Mode**
 - **T9 Mode**
 - **Symbolic**
 - **Number**
 - **Add Word**
 - **Language Select**

ABC Mode is highlighted.

2. Use the navigation keys to highlight the text entry mode you want to use.
3. Press the **Select** soft key or the  key. The mode is changed.

Enter Upper Case and Lower Case Text

1. While composing a text message, press the **Right** soft key (). The following options appear in the display:
 - **ABC Mode**
 - **T9 Mode**
 - **Symbolic**
 - **Number**
 - **Add Word**
 - **Language Select**

ABC Mode is highlighted.

2. Use the navigation keys to highlight **ABC Mode** or **T9 Mode**, then press the **Select** (left) soft key () or the  key. The text entry mode is reset.
3. Press  repeatedly until the Text Mode indicator shows the desired text case entry mode:
 -  — Initial capital letters
 -  — All capital letters
 - (no symbol) — All lower case letters
4. Enter your text.

Using T9 Mode

The T9 Word predictive text entry mode lets you enter words easily by pressing a minimum number of keys. As you press each key, the phone selects a letter that makes up the word it thinks you are typing, based on a built-in dictionary. As you press additional keys, the phone enters letters and the word changes based on the keys you press.

Note: T9 Word is the factory-set default text entry mode for memos. You can change this value, if you want. See “Changing the Text Entry Mode” on page 62 for more information.

Text Entry in T9 Mode

1. When you are in T9 Word mode, start entering a word using the  through  keys.

Note: Press each key only once for each letter.

As you type, a word will display; however, it changes with each key you press.

2. Enter the whole word before editing or deleting any keystrokes.
3. If the word is correct, start entering the next word. Otherwise, press the  key repeatedly to display alternate word choices for the keys you have pressed.
4. Complete each word with a space by pressing the  key.

Note: To enter words not found in **T9** mode, use the **ABC** text entry mode. See “Entering Text in ABC Mode” on page 66.

For example, to enter a word using T9 predictive text, follow these steps:

1. In standby mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Create**. The **Messaging** text entry screen appears in the display.
2. If the text entry mode (lower right hand corner) is not **T9**, then press the **Right** soft key (). The following options appear in the display:
 - **ABC Mode**
 - **T9 Mode**
 - **Symbolic**
 - **Number**
 - **Add Word**
 - **Language Select**

ABC Mode is highlighted.

Use the navigation keys to highlight **T9 Mode**, then press the **Select** (left) soft key () or the  key. The text entry mode (shown in the lower right hand corner) changes to **T9**.

3. Enter the word “Samsung” into your message by pressing each of the following keys only once:

      
 S A M S U N G

T9 Word recognizes the most commonly used word for the number sequence 7267864 is “Samsung.”

If more than one word shares the same numeric sequence, use the  key to scroll through other available words.

Entering Text in ABC Mode

In ABC mode, you enter text characters by pressing the key with the letter you want printed on it, such as the  key for the letter “H”.

- Press a key once to enter the first letter printed on that key, such as press the  key once to enter the letter “G”.
- Press the key repeatedly, in quick succession, until the desired character appears in the display, such as press the  key quickly twice to enter the letter “H”.
- Pause briefly and the displayed character is accepted and inserted into your message.
- Press the  key once to enter a space.

Note: ABC is the factory-set default text entry mode for messages. You can change this value, if you want. See “Changing the Text Entry Mode” on page 62 for more information.

Entering Symbols

Symbol mode enables you to enter symbols, such as @ or %, into a text message.

1. In standby mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Create**. The **Messaging** text entry screen appears in the display.
2. Press the **Right** soft key (). The following options appear in the display:
 - **ABC Mode**
 - **T9 Mode**
 - **Symbolic**
 - **Number**
 - **Add Word**
 - **Language Select**

ABC Mode or **T9 Mode** is highlighted.

3. Use the navigation keys to highlight **Symbolic**, then press the **Select** (left) soft key () or the  key. The first of five screens of symbols appear in the display.
4. Use the **Up** and **Down** navigation keys to page through the other symbols, if necessary.
5. Press the key that corresponds to the symbol that you want to enter. For example, press  for an exclamation point (!).

The symbol you selected appears in the Symbolic screen in the display.

6. Press **OK** (left) soft key () or the  key to insert the symbol(s) into the message.

Entering Numbers

Number mode lets you enter numbers by pressing the key labeled with the number you want.

1. In standby mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Create**. The **Messaging** text entry screen appears in the display.
2. If the text entry mode (lower right hand corner) is not **Number**, then press the **Right** soft key (). The following options appear in the display:
 - **ABC Mode**
 - **T9 Mode**
 - **Symbolic**
 - **Number**
 - **Add Word**
 - **Language Select****ABC Mode** is highlighted.
3. Use the navigation keys to highlight **Number**, then press the **Select** (left) soft key () or the  key. The text entry mode (shown in the lower right hand corner) changes to **1**.
4. Press the key(s) for the number(s) (1 through 0) you want to insert in your message.

To resume entering letters:

1. Press the **Right** soft key (⏮). The following options appear in the display:

- **ABC Mode**
- **T9 Mode**
- **Symbolic**
- **Number**
- **Add Word**
- **Language Select**

ABC Mode is highlighted.

2. Use the navigation keys to highlight **T9 Mode** or **ABC Mode**, then press the **Select** (left) soft key (⏮) or the **i** key. The text entry mode (shown in the lower right hand corner) changes to **T9** or **A**.



Section 5

Section 6: Understanding Your PhoneBook

Topics Covered

- Adding a New PhoneBook Entry
 - Finding and Dialing a PhoneBook Entry
 - Dialing a Number from the SIM Card
 - Editing an Existing PhoneBook Entry
 - Speed Dialing
 - Copy All to Phone
 - Deleting PhoneBook Entries
 - Finding My Mobile Number
 - Group Setting
 - Memory Status
 - Service Number
-

This section explains how to manage your frequent contacts by storing their names and numbers in your PhoneBook. You can sort your PhoneBook entries by name, entry, or group.

Adding a New PhoneBook Entry

You can store phone numbers for your Contacts and their names in your phone's memory and on your SIM card. These storage areas are physically separate but are used as a single entity, called the PhoneBook. The following list details how many Contacts you can store in each area of the PhoneBook:

- **Phone memory** — 500 Contacts (each with 5 numbers, 1 e-mail address, 1 note, and 3 option settings)
- **SIM** — 250 Contacts (1 number each, depending on the SIM card)
- **SIM (FDN)** — 40 Contacts (1 number each, depending on the SIM card)

You can use any or all of the following methods to store numbers in your PhoneBook:

- Using the **Save** (left) soft key () or the  key in Idle mode
- Using the **New Entry** option in the **PhoneBook** menu

Storing a Number from Idle Mode

Storing the Number in Your Phone

1. Enter the number you want to store.

Tip: If you make a mistake while entering a number, correct it using the  key.

2. Press the **Save** (left) soft key () or the  key. The following **Save To** options appear in the display:
 - **Phone** — saves the number to your phone's memory
 - **SIM** — saves the number to your Subscriber Identity Module (SIM) card

- **SIM (FDN)** — saves the number to your SIM card as a Fixed Dial Number (FDN)

Note: When you change phones, any numbers stored on your SIM card memory are automatically available with the new phone, whereas any numbers stored only in the phone's memory will need to be re-entered.

3. Use the navigation keys to highlight the **Phone** option, then press the **Select** (left) soft key () or the  key. The Type screen appears in the display listing the following number types:
 -  **Mobile** — stores the number on the new entry's Mobile tab.
 -  **Home** — stores the number on the new entry's Home tab.
 -  **Office** — stores the number on the new entry's Office tab.
 -  **Fax** — stores the number on the new entry's Fax tab.
 -  **Other** — stores the number on the new entry's Other tab.
4. Use the navigation keys to highlight the Type of number you are storing and press the **Select** (left) soft key () or the  key. The **Enter Name** screen appears in the display.
5. Use the keypad keys to enter a name or identifying phrase for the new PhoneBook entry. For more information on entering characters, see "Section 5: Entering Text" on page 61.
6. Press the **OK** (left) soft key () or the  key to store the new PhoneBook entry. The phone number and name you just stored appear in the display.

7. To add more numbers, an e-mail address, or other information to the new PhoneBook entry, press the **Options** (left) soft key () . See "Editing an Existing PhoneBook Entry" on page 81 for more information.
8. To return to the Idle screen, press the  key.

Storing the Number on Your SIM Card

1. Enter the number you want to store.

Tip: If you make a mistake while entering a number, correct it using the  key.

2. Press the **Save** (left) soft key () or the  key. The following **Save To** options appear in the display:
 - **Phone** — saves the number to your phone's memory
 - **SIM** — saves the number to your Subscriber Identity Module (SIM) card

Note: When you change phones, any numbers stored on your SIM card memory are automatically available with the new phone, whereas any numbers stored only in the phone's memory will need to be re-entered.

- **SIM (FDN)** — saves the number to your SIM card as a Fixed Dial Number (FDN)

Note: The Fixed Dial Number (FDN) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers. See "FDN Mode" on page 167 for more information.

3. Use the navigation keys to highlight a **Save To** option, then press the **Select** (left) soft key () or the  key. If you select the **SIM** option, the **Enter Name** screen appears in the display.

If you select the **SIM (FDN)** option, you are prompted to enter your second Personal Identification Number (PIN2). Then the **Enter Name** screen appears in the display.

Note: If you enter a PIN2 incorrectly three times, the PIN2 is disabled and you must obtain a Personal Unblocking Key (PUK) from Customer Service and enter it.

4. Use the keypad keys to enter a name or identifying phrase for the new PhoneBook entry. For more information on entering characters, see "Section 5: Entering Text" on page 61.
5. Press the **OK** (left) soft key () or the  key to store the new PhoneBook entry. The To SIM screen appears in the display showing the automatically assigned SIM Location number and Memory Status.
6. To accept the assigned Location number, press the **OK** (left) soft key () or the  key.
To assign a different Location number, press the  key, enter the new Location number, and press the **OK** (left) soft key () or the  key.
The phone number and name you just stored appear in the display.
7. Press the **Options** (left) soft key () or the  key to display the Options menu. For more information see "Editing an Existing PhoneBook Entry" on page 81.
8. To dial the new number, press the  key.
9. To return to the Idle screen, press the  key.

Storing a Number Using the New Entry Option

Storing the Number in Your Phone

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  (for **New Entry**). The following **Save To** options appear in the display:
 - **Phone** — saves the number to your phone's memory
 - **SIM** — saves the number to your Subscriber Identity Module (SIM) card

Note: When you change phones, any numbers stored on your SIM card are automatically available with the new phone, whereas any numbers stored in the phone's memory will need to be re-entered.

- **SIM (FDN)** — saves the number to your SIM card as a Fixed Dial Number (FDN)

Note: The Fixed Dial Number (FDN) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers. See "FDN Mode" on page 167 for more information.

2. Use the navigation keys to highlight the **Phone** option, then press the **Select** (left) soft key () or the  key. The Type screen appears in the display listing the following number types:
 -  **Mobile** — stores the number on the Mobile tab.
 -  **Home** — stores the number on the Home tab.
 -  **Office** — stores the number on the Office tab.
 -  **Fax** — stores the number on the Fax tab.
 -  **Other** — stores the number on the Other tab.
 -  **E-mail** — lets you enter an e-mail address for the new PhoneBook entry.

3. Use the navigation keys to highlight the Type to assign to the number and press the **Select** (left) soft key  or the  key. The **Enter Number** screen appears in the display.
4. Enter the number and press the **Save** (left) soft key  or the  key. The **Enter Name** screen appears in the display.
5. Use the keypad keys to enter a name or identifying phrase for the new entry. For more information on entering characters, see "Section 5: Entering Text" on page 61.
6. Press **OK** (left) soft key  or the  key to store the new PhoneBook entry. The phone number and name you just stored appear in the display.
7. To add numbers, an e-mail address, or other information to the new entry, press the **Options** (left) soft key . See "Editing an Existing PhoneBook Entry" on page 81 for more information.
8. To dial the new number, press the  key.
9. To return to the Idle screen, press the  key.

Storing the Number on Your SIM Card

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  (for **New Entry**). The following **Save To** options appear in the display:
 - **Phone** — saves the number to your phone's memory
 - **SIM** — saves the number to your Subscriber Identity Module (SIM) card

Note: When you change phones, any numbers stored on your SIM card are automatically available with the new phone, whereas any numbers stored in the phone's memory will need to be re-entered.

- **SIM (FDN)** — saves the number to your SIM card as a Fixed Dial Number (FDN)

Note: The Fixed Dial Number (FDN) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers. See "FDN Mode" on page 167 for more information.

2. Use the navigation keys to highlight a **Save To** option, then press the **Select** (left) soft key () or the  key. If you select the **SIM** option, the **Enter Number** screen appears in the display.

If you select the **SIM (FDN)** option, you are prompted to enter your PIN2. Then the **Enter Number** screen appears in the display.

Note: If you enter a PIN2 incorrectly three times, the PIN2 is disabled and you must obtain a Personal Unblocking Key (PUK) from Customer Service and enter it.

3. Enter the number and press the **Save** (left) soft key  or the  key. The **Enter Name** screen appears in the display.
4. Use the keypad keys to enter a name or identifying phrase for the new entry. For more information on entering characters, see "Section 5: Entering Text" on page 61.
5. Press the **OK** (left) soft key  or the  key to store the new PhoneBook entry. The To SIM screen appears in the display showing the automatically assigned SIM Location number and Memory Status.
6. To accept the assigned Location number, press the **OK** (left) soft key  or the  key.
 To assign a different Location number, press the  key, enter the new Location number, and press the **OK** (left) soft key  or the  key.
 The phone number and name you just stored appear in the display.
7. Press the **Options** (left) soft key  or the  key to display the Options menu. For more information see "Editing an Existing PhoneBook Entry" on page 81.
8. To dial the new number, press the  key.
9. To return to the Idle screen, press the  key

Finding and Dialing a PhoneBook Entry

1. In Idle mode, press the **Down** navigation key or press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  (for **Contact List**).

The Contact List screen appears in the display.

2. Enter the first few letters of the entry name.

A list of PhoneBook entries appears in the display, starting with the first Contact matching your input.

3. If needed, use the navigation keys to highlight the desired Contact.
4. To dial the number, press the  key.
5. To show details about the highlighted entry, press the **View** (left) soft key ().
6. Press the **Options** (left) soft key () to access the PhoneBook entry options. For more information see "Editing an Existing PhoneBook Entry" on page 81.

Dialing a Number from the SIM Card

1. In Idle mode, enter the location number for the phone number you want to dial and press the  key.

The phone number and name stored at that SIM location appear in the display.

2. Press the **Dial** (left) soft key () , the  key, or the  key to dial the number you want.

Editing an Existing PhoneBook Entry

You can change names and numbers for your Contacts as needed. For Contacts stored in your phone's memory, you can add more useful information about a Contact.

Note: Changes you make to Contacts and FDN list entries whose numbers and names you have assigned to Speed Dial keys are not automatically duplicated in Speed Dial list entries.

To duplicate changes to Contacts and FDN list entries in the Speed Dial list, first see "Deleting Speed Dial List Entries" on page 87 to erase the numbers and names duplicated in Speed Dial list entries, then see "Setting Up Speed Dial Entries" on page 83 to reassign numbers and names from the Contacts and FDN lists to Speed Dial list entries.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Contact List**.
2. Use the navigation keys to highlight the **Contact** you would like to edit and press the **View** (left) soft key (). The Contact information appears in the display.
3. If the Contact is stored in phone memory, the contact name appears at the top of the display and the other information appears on the following tabs:
 - **Mobile** — stores the Contact's cellular phone number
 - **Home** — stores the Contact's home phone number
 - **Office** — stores the Contact's work phone number
 - **Fax** — stores the Contact's facsimile machine phone number
 - **Other** — stores another number for the Contact (such as, account number, membership number, and so on)
 - **E-Mail** — stores the Contact's e-mail address

- **Note** — stores other information about the Contact (such as, account number, postal address, and so on)
 - **Group** — stores the Contact's group setting (Assigns pre-defined settings. See "Group Setting" on page 93 for more information.)
 - **Graphic** — stores an identifying image assignment for the Contact (This image appears in the screen when you receive calls from this Contact.)
 - **Alert** — stores a specific ringtone assignment for the Contact (This ringtone sounds when you receive calls from this Contact.)
4. Use the navigation keys to select the number, e-mail address, note, group, graphic, or alert tab you wish to change.
 5. Press the **Options/Edit** (left) soft key () or the **i** key. The following options appear in the display, depending on the tab you select:
 - **Edit Number** — Lets you edit the selected number.
 - **Edit Name** — Lets you edit the Contact name.
 - **Send Message** — Lets you send a message to the selected number.
 - **Copy** — Lets you copy the number to another memory location, either SIM or Phone, and/or to another location number.
 - **Delete Entry** — Lets you delete the name and number from PhoneBook. You are prompted to confirm that you wish to delete the name and number.
 6. Use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the **i** key.

7. As needed, use the keypad keys and/or the navigation keys to change, enter, or select information for the selected tab.
8. When you finish editing the selected tab, press the **OK** (left) soft key () or the **i** key. Your changes are saved and a confirmation message appears.
9. When you finish editing the selected Contact, press the  (right) soft key () to return to the Contact List.

Speed Dialing

Once you have stored phone numbers in your PhoneBook, you can assign up to 8 PhoneBook entries or other numbers to Speed Dialing keys  through .

Note: The Speed Dialing  key (memory location 1) is pre-assigned to your Voice Mail server number. See "Service Number" on page 95 to change your Voice Mail server number.

You can then easily dial any of these eight numbers, by pressing and holding the associated Speed Dialing number key.

Setting Up Speed Dial Entries

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Speed Dial**. A list of Speed Dial numbers appears in the display.
2. Use the navigation keys to highlight the Speed Dial number to which you wish to assign a number.

3. Press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit Number** — Lets you enter a number or assign an PhoneBook entry to the selected Speed Dialing key.
 - **Edit Name** — Lets you enter a name or identifying phrase that will replace **Empty** in the Speed Dial list. (For PhoneBook entries, this value is automatically copied from the PhoneBook.)
 - **Delete** — Erases the number and name currently assigned to the selected Speed Dialing key. (The Speed Dial list entry for the selected Speed Dialing key automatically returns to **Empty**.)
4. Use the navigation keys to highlight **Edit Number** and press the **Select** (left) soft key () or the  key. The **Enter Number** screen appears in the display.
5. Press the **Ph.Book** (left) soft key () to select a PhoneBook entry to assign to the selected Speed Dial key, or skip to step to enter a number not in the PhoneBook.
6. Use the navigation keys to highlight **Contact List** (to select a Contact entry) or **FDN List** (to select a Fixed Dial Number).
7. Press the **Select** soft key to display the highlighted list.
8. Use the navigation keys to highlight an entry in the displayed list and press the **View** (left) soft key () or the  key. A list of the numbers stored in the selected Contact or FDN entry appears in the display.

9. Use the navigation keys to highlight one of the Contact or FDN entry's stored numbers and press the **Select** (left) soft key () or the  key. The selected number appears in the Enter Number screen on the display.
10. Press the **OK** (left) soft key () or the  key and skip to step 14.

Note: The associated Contact or FDN entry name replaces **Empty** for the selected Speed Dial number.

11. Enter a number and press the **OK** (left) soft key () or the  key.
12. Use the navigation keys to highlight **Edit Name** and press the **Select** (left) soft key () or the  key. The **Enter Name** screen appears in the display.
13. Enter a name or an identifying phrase, press the **OK** (left) soft key () or the  key.
14. Press the  (right) soft key (). The Speed Dialing numbers appear in the display.

Editing Speed Dial List Entries

You can edit Speed Dial list entries by changing the number and / or the name assigned to a key or by deleting a current entry and reassigning a number and name from the Contacts list or the FDN list.

Note: You must edit the Speed Dial list separately from the Contacts and FDN lists. Changes you make to Contacts and FDN list entries whose numbers and names you have assigned to Speed Dial keys are not automatically duplicated in Speed Dial list entries.

To duplicate changes to Contacts and FDN list entries, first see "Deleting Speed Dial List Entries" on page 87 to erase the numbers and names duplicated in Speed Dial list entries, then see "Setting Up Speed Dial Entries" on page 83 to reassign numbers and names from the Contacts and FDN lists.

Changing Entry Numbers and Names

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Speed Dial**. A list of Speed Dial numbers appears in the display.
2. Use the navigation keys to highlight the Speed Dial number you wish to change.
3. Press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit Number** — Lets you enter a number or assign an PhoneBook entry to the selected Speed Dialing key.
 - **Edit Name** — Lets you enter a name or identifying phrase that will replace **Empty** in the Speed Dial list. (For PhoneBook entries, this value is automatically copied from the PhoneBook.)

- **Delete** — Erases the number and name currently assigned to the selected Speed Dialing key. (The Speed Dial list entry for the selected Speed Dialing key automatically returns to **Empty**.)
4. Use the navigation keys to highlight **Edit Number** and press the **Select** (left) soft key () or the  key.
The **Enter Number** screen appears in the display containing the number assigned to the selected Speed Dial key.
 5. Use the alphanumeric keypad to edit the assigned number and press the **OK** (left) soft key () or the  key.
 6. When you have finished, press the  key.

Deleting Speed Dial List Entries

Note: To duplicate changes to Contacts and FDN list entries, first follow this procedure to erase the numbers and names duplicated in Speed Dial list entries, then see "Setting Up Speed Dial Entries" on page 83 to reassign numbers and names from the Contacts and FDN lists.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Speed Dial**. A list of Speed Dial numbers appears in the display.
2. Use the navigation keys to highlight the Speed Dial number you wish to delete.

3. Press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit Number** — Lets you enter a number or assign an PhoneBook entry to the selected Speed Dialing key.
 - **Edit Name** — Lets you enter a name or identifying phrase that will replace **Empty** in the Speed Dial list. (For PhoneBook entries, this value is automatically copied from the PhoneBook.)
 - **Delete** — Erases the number and name currently assigned to the selected Speed Dialing key. (The Speed Dial list entry for the selected Speed Dialing key automatically returns to **Empty**.)
4. Using the navigation keys to highlight the **Delete** option and press the **Select** (left) soft key (). You are prompted to confirm the deletion.
5. Press the **Yes** (left) soft key () to confirm the deletion. Press the **No** (right) soft key () to keep the current Speed Dial number.
6. Press the  key to return to the Idle mode screen.

Copy All to Phone

Copy All to Phone copies all Contacts information from the SIM card to the phone's memory.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Copy All to Phone**. You are prompted to confirm **Copy All**.
2. Press the **Yes** (left) soft key () to copy all Contacts from the SIM card to the phone or press the **No** (right) soft key () to cancel.

Deleting PhoneBook Entries

Delete a Single Entry

To delete one entry from your PhoneBook, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Contact List**. The **Contact List** screen appears in the display.
2. Enter the first few characters of the Contact name you want and use the navigation keys to highlight the Contact entry.
3. Press the **View** (left) soft key (). The Contact information appears in the display.
4. Press the **Options** (left) soft key (). The following options appear in the display:
 - **Edit Number** — lets you edit the number.
 - **Edit Name** — lets you edit the name.
 - **Send Message** — lets you send a message to the selected number.
 - **Copy** — lets you copy the number to another memory location, either SIM or Phone, and/or to another location number.
 - **Delete Entry** — lets you delete the name and number from PhoneBook. You are prompted to confirm that you wish to delete the name and number.
5. Press  for **Delete Entry**. You are prompted to confirm the deletion.
6. Press the **Yes** (left) soft key () to delete the entry. Press the **No** (right) soft key () to keep the entry.

Delete All

To delete all entries from your phone's memory, your SIM card, or both, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Delete All**. The following options appear in the display:
 - **All** — lets you delete all PhoneBook information stored in your phone and on your SIM card.
 - **Phone** — lets you delete all PhoneBook information stored in your phone.
 - **SIM** — lets you delete all PhoneBook information stored on your SIM card.
 - **SIM (FDN)** — lets you delete all PhoneBook information for Fixed Dial Numbers stored on your SIM card.
2. Use the navigation keys to highlight the PhoneBook memory location you want to empty.
3. Press the **Select** (left) soft key () or the  key to place a check mark by the highlighted PhoneBook memory location.

Note: You can remove the check mark by pressing the **Select** (left) soft key () or the  key.

4. Repeat steps 2 and 3, as needed for another memory location.
5. Press the **OK** (right) soft key () to empty the selected PhoneBook memory location(s). You are prompted to confirm the deletion.
6. Press the **Yes** (left) soft key () to delete the entry. Press the **No** (right) soft key () to keep the entry.

If you selected **All** or **SIM (FDN)**, you are prompted to enter the PIN2 password.

7. Enter the PIN2 password and press the **OK** (left) soft key () or the **i** key.

Note: If you enter a PIN2 incorrectly three times, the PIN2 is disabled and you must obtain a Personal Unblocking Key (PUK) from Customer Service and enter it.

Finding Your Own Number

This function is a memory aid, that you can use to check your own phone number if you need to do so.

You can assign a name to each of your own phone numbers registered on your SIM card. You can also edit the names and numbers.

Note: Any changes made here are saved to your SIM card, but do not affect the actual subscriber number(s) on your SIM card.

Adding or Changing Your Mobile Numbers

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Own Number**. Four Own Number options appear in the display.

2. Use the navigation keys to highlight the number you wish to change or rename and press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit Number** — Lets you enter or change the selected number
 - **Edit Name** — Lets you enter or change the name for the selected number
 - **Delete** — Erases the selected name and number
3. Use the navigation keys to highlight **Edit Number** and press the **Select** (left) soft key () or the  key. The **Enter Number** screen appears in the display.
4. Enter the phone number you want and press the **OK** (left) soft key () or the  key. The **Options** screen appears in the display.
5. Use the navigation keys to highlight **Edit Name** and press the **Select** (left) soft key () or the  key. The **Enter Name** screen appears in the display.
6. Enter the name you want and press the **OK** (left) soft key () or the  key. The **Options** screen appears in the display.
7. Press the  key to return to the Idle mode screen.

Deleting Your Mobile Numbers

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Own Number**. Four Own Number options appear in the display.

2. Use the navigation keys to highlight the number you wish to delete and press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit Number** — Lets you enter or change the selected number
 - **Edit Name** — Lets you enter or change the name for the selected number
 - **Delete** — Erases the selected name and number
3. Use the navigation keys to highlight **Delete** and press the **Select** (left) soft key () or the  key. You are prompted to confirm the deletion.
4. Select **Yes** to confirm deletion, or **No** to cancel deletion, and press the  key. The Own Number menu appears in the display showing the default name for the deleted number (that is, **Voice Line 1**, **Voice Line 2**, **Data**, or **Fax**).

Group Setting

This sub-menu lets you set unique ringtones to identify incoming calls from group members, edit group names, and view the graphic image assigned to the group.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Group Setting**. The **Group Setting** screen appears in the display.

2. Use the navigation keys to highlight a group and press the **Select** (left) soft key () or press the  key. The following options appear in the display:
 - **Ring tone** — Lets you choose a ring tone to be played when you receive a voice call from a member of this group.
 - **Edit Name** — Lets you edit the name of this group.
 - **View Image** — Lets you view the graphic that appears in the display when you receive a voice call from a member of this group.
3. Use the navigation keys to highlight an option and press the **Select** (left) soft key () or press the  key.
4. Make your changes or new selection and press the **Select** (left) soft key () or the  key to apply your changes or press the  (right) soft key (), the  key, or the  key (as appropriate) to discard your changes.

Memory Status

The Memory Status screen shows you how many Contacts are stored in your PhoneBook, both in the phone memory and on the SIM card.

1. In Idle mode, press the **Menu** (left) soft key (), then press  (for **PhoneBook**) and  for **Memory Status**.

The Memory Status screen appears in the display showing the total Contacts stored in the **Phone**, **SIM**, and **SIM (FDN)**.

2. To return to the PhoneBook menu, press the  (right) soft key () or the  key.

Service Number

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, directory enquiries, and Voice Mail numbers.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **PhoneBook**) and  for **Service Number**. The actual Service Numbers that appear in the display depend upon your Wireless Provider.
2. Scroll through the numbers by using the **Up** or **Down** key.
3. To dial the number displayed, press the **Select** (left) soft key () or the  key.

A blue rounded rectangle with a black border, containing the text "Section 6" in white.

Section 6

Section 7: Messaging

Topics Covered

- Types of Messages
 - Text Messages
 - Multimedia Message
 - Browser Message
 - Using Message Template
 - Broadcast Messages (SIM-Dependent)
 - Settings
 - Checking Memory Status
-

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

Types of Messages

Your phone supports the following message types:

- Text Messages
- Multimedia Messages
- Browser Messages
- Broadcast Messages (SIM-dependent)

Text Messages

The Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones. In addition, your phone supports the Enhanced Messaging Service (EMS), which lets you include simple pictures, melodies, and animated images with your text messages. To use this feature, you must subscribe to your service provider's message service.

When the Message icon (✉) appears, you have received new text messages. When the memory is full, an error message displays and you cannot receive any new messages. Use the **Delete** option in each message box to delete obsolete messages.

Create

Creating and Sending a Simple Text Message

This option lets you write and send text messages. The maximum number of characters that you can send in a single message depends on your service provider.

Note: If you write a text message that exceeds the maximum number of characters your service provider allows, the SGH-x496 automatically splits your message text into several messages. The number of messages to be sent appears in the display when your message is split.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Create**. The text input screen appears in the display.
2. Use the keypad keys to enter the text of your message. See “Section 5: Entering Text” on page 61 for more information about entering text.
3. When you have finished entering the message text, press the  key. The **Address** screen appears in the display.

Tip: Your SGH-x496 phone offers a number of message composition and text formatting options that you can use to simplify message composition and/or to make your messages more pleasing to the recipient(s). See “Formatting Message Text” on page 100 for more information.

4. Use the keypad keys to enter the phone number of the message recipient or press the **Ph.Book** (left) soft key () to find and select an PhoneBook Contact as the message recipient. See “Finding and Dialing a PhoneBook Entry” on page 80 for more information.

Tip: You can also use send a message to multiple recipients. See “Entering/Selecting Multiple Message Recipients” on page 103 for more information.

5. When you have finished entering the recipient's phone number, press the **OK** soft key or the  key. The **Send** screen appears in the display.

6. Press the **Send** (right) soft key (⏏).
7. Press the  key to return to the Idle screen.

Formatting Message Text

1. With the message text input screen showing in the display, to change the text format, press the **Options** (left) soft key (). The following options appear in the display:
 - **Send** — Lets you send the message. The message is stored in the Outbox folder after sending.
 - **Text Formatting** — Lets you change the appearance of your message text as you enter it. For the **Size** attribute, Small, Normal, and Large sizes are available. **Mode** options are Normal, Underscore, and Strikethrough. **Bold** and **Italic** options are On or Off. **Alignment** options are Left, Center, and Right.
 - **Add Media** — Lets you add a picture, melody, or animation to your message. Select the category of the item to be added. In each category, you can select from the various factory-set items or choose an item received from other sources, such as the Internet or other phones. See “Multimedia Message” on page 110 for more information.
 - **Templates** — Lets you apply one of the preset message templates to the text. Select one of the 10 text samples stored in the Templates menu.
 - **Save Message** — Lets you save a copy of the message to the phone memory or to your SIM card in the Outbox folder.
 - **Add from Favorites** — Lets you add favorite, bookmarked URLs.

2. Press  or use the navigation keys to highlight the **Text Formatting** option and press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Size** — Lets you select Small, Normal, and Large text sizes.
 - **Mode** — Lets you select Normal, Underscore, and Strikethrough text modes.
 - **Bold** — Lets you select regular text (Off) or bold text (On).
 - **Italic** — Lets you select regular text (Off) or italics text (On).
 - **Alignment** — Lets you select Left, Center, and Right text alignment.
3. Use the navigation keys to highlight the desired text formatting option and press the **Select** (left) soft key () or the  key.
4. Use the navigation keys to highlight the desired value for the selected text formatting option and press the **Select** (left) soft key () or the  key.
5. Use the keypad keys to enter your formatted text.
6. Repeat steps 1 through 5 as needed to format additional text for your message.
7. When you are finished entering text, press the **Options** (left) soft key ()

8. Use the navigation keys to highlight one of the following options:
 - **Send** — Lets you send the message. The message is stored in the Outbox folder after sending.
 - **Save Message** — Lets you save a copy of the message text to the phone memory or to your SIM card for reuse in future messages.
9. Press the **Select** (left) soft key (⋮) or the **?** key.

Composing Message Text

Besides entering message text using the keypad keys, you can speed message composition by including copies of stored text (Templates) in your message.

1. With the message text input screen showing in the display, to change the text format, press the **Options** (left) soft key (⋮).
2. Use the navigation keys to highlight one of the following options:
 - **Templates** — Lets you apply one of the preset message templates to the text. Select one of the 10 text samples stored in the **Templates** menu.
 - **Add from Favorites** — Lets you add favorite, bookmarked URLs.
3. Press the **Select** (left) soft key (⋮) or the **?** key. The Templates or Favorites options appear in the display.
4. Use the navigation keys to highlight one of the Templates or Favorites and press the **Select** (left) soft key (⋮) or the **?** key.
5. The selected text sample or URL appears in the message text input screen.

Tip: You can edit the included text or URL as needed.

6. Repeat this process and/or enter additional text as needed to complete your message.

Entering/Selecting Multiple Message Recipients

You can send the same message to more than one recipient by pressing the **Ph.Book** (left) soft key () and selecting multiple PhoneBook Contacts. To select multiple recipients, do the following:

1. With the **Address** screen showing in the display, use the keypad keys to enter the phone number of a message recipient and press **OK** (left) soft key () or the **i** key. Skip to step 5, or press the **Ph.Book** (left) soft key (). The PhoneBook Contacts list appears in the display.
2. Use the navigation keys to find and highlight an PhoneBook Contact as a message recipient. See “Finding and Dialing a PhoneBook Entry” on page 80 for more information.
3. Press the **Select** (left) soft key () or the **i** key.
4. The **Send** screen appears in the display with the entered recipient number or selected Contact name showing in the list.
5. Use the navigation keys to highlight an **Empty** recipient option and press the **Select** (left) soft key (). The **Address n** screen (where n=2–5) appears in the display.
6. Repeat steps 1 through 6 as needed.

7. When you have entered and/or selected the last of the needed recipient numbers, press the **OK** (left) soft key () or the **i** key. The **Send** screen appears in the display.
8. Press the **Send** (right) soft key ()
9. Press the  key to return to the Idle screen.

Creating and Sending an Enhanced Text Message

Your SGH-x496 phone lets you add still and animated pictures and recorded sounds and music to your text messages.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Create**. The text input screen appears in the display.
2. Use the keypad keys to enter the text of your message, then press the **Options** soft key. The following options appear in the display:
 - **Send**
 - **Text Formatting**
 - **Add Media**
 - **Templates**
 - **Save Message**
 - **Add from Favorites**
3. Use the navigation keys to highlight **Add Media** and press the **Select** (left) soft key () or the **i** key. The following media options appear in the display:

Note: When you add media items to a message, the number of characters you can enter decreases.

- **Add Picture** — Lets you add a downloaded photo.
 - **Add Animation** — Lets you add **Preset Animation** (included with your phone) or **My Animation** (downloaded animation).
 - **Add Melody** — Lets you add a sound file. Select **Preset Melody** (included with your phone) or **My Melody** (downloaded melody).
4. Use the navigation keys to highlight the desired Picture, Animation, or Melody to add to your message and press the **Select** (left) soft key () or the  key.
 5. Repeat step 4 until you have finished adding media to your message. The text input screen appears in the display.
 6. Press the  key or the **Options** soft key and select the **Send** option. The **Address** screen appears in the display.
 7. Enter or select one or more recipient numbers. See “Entering/Selecting Multiple Message Recipients” on page 103 for more information.
 8. Press the **Send** (right) soft key ()
 9. Press the  key to return to the Idle screen.

Inbox

This message folder stores text messages that you have received. When you access this folder, a list of text messages appears in your phone's display showing the senders' phone numbers or names, if available in your PhoneBook.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Inbox**. A list of received text messages appears in the display.
2. Select a text message from the list and press the **Options** (left) soft key (). The following options appear in the display:
 - **View** — Shows the selected text message.
 - **Reply** — Lets you create a new text message in reply to the selected text message.
 - **Forward** — Lets you send/resend the selected message.
 - **Delete** — Lets you delete the selected text message.
 - **Call back** — Lets you dial the number that sent the selected text message.
3. Use the navigation keys to highlight the **View** option and press the **Select** (left) soft key () or the  key to read the message contents.
4. Use the **Up** and **Down** navigation keys to scroll through the contents.
5. Use the **Left** and **Right** navigation keys to scroll to previous and next messages.
6. Press the  key to return to the Idle screen.

View Text Message Options

While reading a message in the Inbox, you can choose the following options by pressing the **Options** (left) soft key ():

- **Reply** — Lets you send a text message reply to the sender of the selected text message.
- **Forward** — Lets you send/resend the selected message.
- **Delete** — Lets you delete the selected message.
- **Call Back** — Lets you call the sender of the selected message.
- **Move to Phone** — Lets you move the message from the SIM card to the phone's memory. This option is available only for messages stored on the SIM card.
- **Move to SIM** — Lets you move the message from the phone's memory to the SIM card. This option is available only for messages stored in the phone's memory.
- **Extract Address** — Lets you extract the selected message sender's number, URL, e-mail address, and/or phone numbers from the message text, so that you can save them in your phone's memory (Phonebook).

Outbox

This text message folder stores text messages that you have sent or will send. When you access this folder, the list of text messages in the folder displays showing the recipients' phone numbers or names, if available in your PhoneBook.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Outbox**. A list of sent text messages appears in the display.

2. Select a text message from the list and press the **Options** (left) soft key () or the **F** key. The following options appear in the display:
 - **View** — Shows the selected text message.
 - **Delete** — Lets you delete the selected text message.
 - **Send** — Lets you send the selected message.
3. Use the navigation keys to highlight the **View** option and press the **Select** (left) soft key () to read the message contents.
4. Use the **Up** and **Down** navigation keys to scroll through the message contents.
5. Use the **Left** or **Right** navigation keys to move to the previous or next message in the Outbox.
6. Press the  key to return to the Idle screen.

While reading a message in the Outbox, you can choose the following options by pressing the **Options** (left) soft key ():

- **Delete** — Lets you delete the selected message.
- **Extract Address** — Lets you extract the selected message sender's number, URL, e-mail address, and/or phone numbers from the message text, so that you can save them in your phone's memory (PhoneBook).
- **Send** — Lets you send the selected text message.
- **Move to Phone** — Lets you move the message from the SIM card to the phone's memory. This option is available only for messages stored on the SIM card.
- **Move to SIM** — Lets you move the message from the phone's memory to the SIM card. This option is available only for messages stored in the phone's memory.

Delete All

This menu allows you to delete all of the text messages in a selected message folder. You can also delete all of your messages in all messages folders at one time.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Text Message**), and  for **Delete All**. The following options appear in the display:
 - **All Messages** — Deletes all text messages from both the Inbox and the Outbox folders.
 - **Read** — Deletes all text messages from the Inbox that you have read.
 - **Unread** — Deletes all text messages from the Inbox that you have not read.
 - **Sent** — Deletes all text messages from the Outbox that you have sent.
 - **Unsent** — Deletes all text messages from the Outbox that you have not sent.
2. Use the navigation keys to highlight the desired option.
3. Press the **Select** (left) soft key () or the  key. A check mark appears in the selected option's check box.
 When you highlight the **All Messages** option and press the **Select** (left) soft key () or the  key, check marks appear in all the option check boxes.
 To remove the check mark(s), press the **Select** (left) soft key () or the  key.
4. Press the **OK** (right) soft key () to delete the messages indicated by the checked options. You are prompted to confirm the deletion.

5. To confirm the deletion, press the **Yes** (left) soft key (). To cancel the deletion, press the **No** (right) soft key ().
6. Press the  key to return to the Idle screen.

Multimedia Message

Create

This menu option lets you write and send multimedia messages.

Creating and Sending a Multimedia Message

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Multimedia Message**), and  for **Create**. The **New** screen appears in the display showing a running total size of the message [in kilobytes (KB)] and the following options:
 - **Subject** — Lets you enter text for the message subject.
 - **Picture** — Lets you add a photo or one of the graphics stored in your graphics folder to the message.
 - **Sound** — Lets you add a sound file to the message.
 - **Message** — Lets you enter the message text.
2. Use the navigation keys to highlight **Subject** and press the **Add** (left) soft key () or the  key to add the option. The **Subject** screen appears in the display.
3. Enter text for the message subject and press the **OK** (left) soft key () or the  key. The **New** screen appears in the display showing the subject text.

See “Entering Text in ABC Mode” on page 66 for more information.

4. Use the navigation keys to highlight **Picture** and press the **Add** (left) soft key (⋮) or the **i** key. The **Multimedia Message Images** screen appears in the display listing the available image files.
5. Use the navigation keys to highlight an image file and press the **Select** (left) soft key (⋮) or the **i** key. The selected image appears in the display.
6. Press the **Add** (left) soft key (⋮) or the **i** key. The **New** screen appears in the display showing the increased message size and the selected image file name.
7. Use the navigation keys to highlight **Sound** and press the **Add** (left) soft key (⋮) or the **i** key. The following Add Sound options appear in the display:
 - **Record New** — Lets you record a new voice memo and add it to the message. See “Record Audio” on page 197 for more information.
 - **Recorded Audio** — Lets you add one of the voice memos stored in the phone’s memory to the message.
 - **My Audio** — Lets you add one of the sound clips stored in the phone’s memory to the message.
8. Use the navigation keys to highlight a Sound option and press the **Select** (left) soft key (⋮) or the **i** key.

For the **Recorded New** option, the **Record New** screen appears in the display. For the **Recorded Audio** and **My Audio** options, a list of sound files appears in the display.

9. Use the navigation keys to highlight the **My Audio** option and press the **Select** (left) soft key () or the **i** key. The **Record New** screen or a list of sound files appears in the display.
10. For the **Recorded New** option, see “Record Audio” on page 197 for more information. For the **Recorded Audio** and **My Audio** options, use the navigation keys to highlight a sound file and press the **Select** (left) soft key () or the **i** key. The **New** screen appears in the display showing the increased message size and the selected sound file name.
11. Use the navigation keys to highlight **Message** and press the **Add** soft key or the **i** key. The **Message** screen appears in the display.
12. Enter text for the message and press the **Options** (left) soft key () or the **i** key. See “Text Messages” on page 98 for more information. The following Options appear in the display:
 - **Done** — Returns you to the **New** screen and shows the increased message size.
 - **Templates** — Lets you apply one of the preset message templates to the text. Select one of the 10 text samples stored in the **Templates** menu.
13. As needed, use the navigation keys to highlight **Templates** and press the **Select** (left) soft key () or the **i** key. The **Templates** menu appears in the display. See “Composing Message Text” on page 102 for more information.

14. When you complete entering/composing the message text, press the **Opt.** (left) soft key () or the **i** key. The following Options appear in the display:

- **Done**
- **Templates**

15. Use the navigation keys to highlight **Done** and press the **Select** (left) soft key () or the **i** key. The **New** screen appears in the display showing the increased message size.

16. Press the **Opt.** (right) soft key () to access the following options:

- **Preview** — Lets you review the message you created.
- **Send** — Lets you enter or select one or more recipients' number(s) or e-mail address(es).
- **Add Page** — Lets you add a page(s) to the message.
- **Page Timing** — Lets you set how long each page of the message is displayed. The default time is 5 seconds, the maximum time is 99 seconds.
- **Text Effect** — Lets you format the style of the text. See "Formatting Message Text" on page 100 for more information.
- **Clear Subject/Picture/Sound/Message** — Erases the subject/message text from your message.
- **Delete Page** — Lets you delete a page from your message.
- **Save Message** — Lets you save the message to the Multimedia Message Draft folder.
- **Settings** — Lets you change the message delivery settings for this message. See "Settings" on page 130 for more information.

17. Use the navigation keys to select **Send** and press the **Select** (left) soft key () or the  key. A list of 10 Empty recipient addresses appears in the display.
18. Use the navigation keys to select an Empty recipient address and press the **Select** (left) soft key (). The following options appear in the display:
 - **Number** — Lets you enter a recipient phone number or use the PhoneBook to find and select a recipient phone number. See “Finding and Dialing a PhoneBook Entry” on page 80 for more information.
 - **E-mail** — Lets you enter a recipient e-mail address or use the PhoneBook to find and select a recipient e-mail address. See “Finding and Dialing a PhoneBook Entry” on page 80 for more information.
 - **PhoneBook** — Lets you use the PhoneBook to find and select a recipient phone number or e-mail address.
19. Use the navigation keys to select a message addressing option and press the **Select** (left) soft key () or the  key.
20. Enter or select a recipient phone number or e-mail address and press the **OK** (left) soft key () or the  key. The **Send** list of recipient addresses appears in the display.
21. Repeat steps 18 through 20 as needed. See “Entering/Selecting Multiple Message Recipients” on page 103 for more information.
22. Press the **Send** (right) soft key (.
23. Press the  key to return to the Idle screen.

Inbox

The multimedia message Inbox folder stores multimedia messages that you have received. The following icons appear in the Inbox menu and indicate the status of each message:



Messages unread



Messages read

Incoming Multimedia Messages

Multimedia messages and e-mails are stored in the Inbox of your service provider's message server instead of being sent directly to your phone. The message server alerts you to new multimedia messages by causing the multimedia message (unread) icon () and the message "1 Multimedia Msg" to appear in your phone's display. You can then retrieve the new multimedia messages to your phone to read / view them by doing the following:

1. In Idle mode, press **View** soft key (for new messages) or press the **Menu** (left) soft key () (for messages you have already read), then press  (for **Messaging**),  (for **Multimedia Message**), and  for **Inbox**.

A list of messages appears in the display, showing the number of messages currently in the Inbox folder.

2. If needed, use the navigation keys to select the new multimedia message and press the **Select** (left) soft key () or the  key. The message contents appears in the display:

- **Subject** — The subject of the message appears at the top of the display.
- **Picture** — Any picture included in the message fills the center of the screen.
- **Sound** — Any sound included in the message plays while the message picture and/or text appear in the display.
- **Text** — If the message includes text, use the navigation keys to scroll down to and through the text.

The message contents scrolls to the next page, if it has more than one, after a time specified by the sender. See “Creating and Sending a Multimedia Message” on page 110 for more information.

3. Press the **Opt.** (left) soft key () or the  key to access the following options:
- **Delete** — Lets you delete a multimedia message.
 - **Replay** — Lets you replay the current message.
 - **Reply** — Lets you compose a multimedia reply to the sender of the current message.
 - **Reply All** — Lets you compose a multimedia reply to the sender of the current message and to all its recipients.
 - **Forward** — Lets you send a copy of the current message to a different recipient.
 - **Call Back** — Lets you call the sender of the current message.
 - **Save Media** — Lets you save a copy of any picture and/or sound included in the current message to your phone memory.

- **Extract Address** — Lets you copy the address information into your PhoneBook.
- **Properties** — Lets you review detailed information about a multimedia message.

Outbox

The multimedia message Outbox folder stores multimedia messages that you have sent or have attempted to send. The following icons appear in the Outbox menu and indicate the status of each message:



Messages sent



Messages currently being sent



Messages your phone could not send



Messages to be sent



Messages deferred



Message being re-sent

To access messages in the Outbox, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Multimedia Message**), and  for **Outbox**. A list of messages appears in the display, showing the number of messages currently in the Outbox folder.

2. If needed, use the navigation keys to select the multimedia message and press the **Select** (left) soft key () or the **i** key. The message contents appears in the display.

The message contents scrolls to the next page, if it has more than one, after a time you specify. See “Creating and Sending a Multimedia Message” on page 110 for more information.

If the message has more than one page, you can scroll through the pages manually by using the **Left** and **Right** navigation keys.

3. Use the navigation keys to scroll past any included pictures to any text included in the message.
4. Press the **Opt.** (left) soft key () to access the following options:
 - **Delete** — Lets you delete the message.
 - **Replay** — Lets you replay the message from the beginning.
 - **Send** — Lets you send/resend the message.
 - **Properties** — Lets you review information about the message, such as the **Date** (date and time), **To/Cc/Bcc** (recipients' numbers), **Size** (in KB), **Priority**, and **Class**.

Draft

After you begin creating a multimedia message, you can **Save** it into the multimedia message Draft folder to be completed and / or sent at a later time.

Saving Messages to the Draft Folder

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Multimedia Message**), and  for **Create**. The **New** screen appears in the display showing a running total size of the message [in kilobytes (KB)].
2. Compose your multimedia message.
3. When you complete entering/composing the message text, press the **Opt.** (left) soft key () or the  key. The following Options appear in the display:
 - **Done**
 - **Templates**
4. Use the navigation keys to highlight **Done** and press the **Select** (left) soft key () or the  key. The **New** screen appears in the display.
5. Press the **Opt.** (right) soft key () to access the following options:
 - **Preview**
 - **Send**
 - **Add Page**
 - **Page Timing**
 - **Text Effect**
 - **Clear Subject/Picture/Sound/Message**
 - **Delete Page**
 - **Save Message**
 - **Settings**

6. Use the navigation keys to highlight **Save Message** and press the **Select** (left) soft key () or the  key. A message appears in the display confirming that the message has been saved. The **Multimedia Message** menu appears in the display.
7. Press the  key to return to the Idle screen.

Sending Messages from the Draft Folder

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Multimedia Message**), and  for **Draft**. A list of messages appears in the display, showing the number of messages currently in the Draft folder.
2. Use the navigation keys to highlight the desired message draft and press the **Select** (left) soft key () or the  key. The message text entry screen appears in the display.
3. Press the **Opt.** (left) soft key (). The following options appear in the display:
 - **Send**
 - **Replay**
 - **Delete**
 - **Properties**
4. Use the navigation keys to highlight the Send option and press the **Select** (left) soft key () or the  key. The **New** screen appears in the display.
5. Review/change the contents of the message as needed.

6. When you complete the message, press the **Opt.** (right) soft key () to access the following options:
 - **Preview**
 - **Send**
 - **Add Page**
 - **Page Timing**
 - **Text Effect**
 - **Clear Subject/Message**
 - **Delete Page**
 - **Save Message**
 - **Settings**
7. Use the navigation keys to select **Send** and press the **Select** (left) soft key () or the  key. A list of 10 Empty recipient addresses appears in the display.
8. Use the navigation keys to select an Empty recipient address and press the **Select** (left) soft key (). The following options appear in the display:
 - **Number** — Lets you enter a recipient phone number or use the PhoneBook to find and select a recipient phone number. See “Finding and Dialing a PhoneBook Entry” on page 80 for more information.
 - **E-mail** — Lets you enter a recipient e-mail address or use the PhoneBook to find and select a recipient e-mail address. See “Finding and Dialing a PhoneBook Entry” on page 80 for more information.
 - **PhoneBook** — Lets you use the PhoneBook to find and select a recipient phone number or e-mail address.

9. Use the navigation keys to select a message addressing option and press the **Select** (left) soft key () or the  key.
10. Enter or select a recipient phone number or e-mail address and press the **OK** (left) soft key () or the  key. The **Send** list of recipient addresses appears in the display.
11. Repeat steps 18 through 20 as needed. See “Entering/Selecting Multiple Message Recipients” on page 103 for more information.
12. Press the **Send** (right) soft key ().

Delete All

This menu lets you delete all messages in each multimedia message folder. You can also delete all of your multimedia messages at one time.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**),  (for **Multimedia Message**), and  for **Delete All**. The following options appear in the display:
 - **All Messages** — Lets you delete all messages from all multimedia folders.
 - **Inbox read** — Lets you delete only already read messages from the multimedia Inbox folder.
 - **Inbox unread** — Lets you delete only unread messages from the multimedia Inbox folder.
 - **Outbox** — Lets you delete all messages from the multimedia Outbox folder.
 - **Draft** — Lets you delete all messages from the multimedia Draft folder.

2. Use the navigation keys to highlight the desired option.
3. Press the **Select** (left) soft key () or the  key. A check mark appears in the selected option's check box.

When you highlight the **All Messages** option and press the **Select** (left) soft key () or the  key, check marks appear in all the option check boxes.

To remove the check mark(s), press the **Select** (left) soft key () or the  key.

4. Press the **OK** (right) soft key () to delete the messages indicated by the checked options. You are prompted to confirm the deletion.
5. To confirm the deletion, press the **Yes** (left) soft key (). To cancel the deletion, press the **No** (right) soft key ().
6. Press the  key to return to the Idle screen.

Browser Messages

This menu lets you read and delete messages from your service provider's Web server (e-mail, web messages, and so on). This menu also lets you control whether or not your phone receives Browser messages.

Read Browser Messages

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**), and  for **Browser Messages**. The following options appear in the display:
 - **Inbox** — Lets you read messages received from the web server.
 - **Setting** — Lets you set whether or not your phone receives browser messages.
 - **Delete All** — Lets you delete all received browser messages.
2. Use the navigation keys to highlight **Inbox** and press the **Select** (left) soft key () or the  key. A list of Browser messages appears in the display.
3. Use the navigation keys to highlight the desired message and press the **Select** (left) soft key () or the  key. The following soft keys appear in the display:
 - **Connect** (left) — Lets you connect to the URL sent in the message.
 - **Delete** (right) — Lets you delete the selected message.
4. Use the **Up** and **Down** navigation keys to scroll through the message contents.
5. Use the **Left** and **Right** navigation keys to scroll to previous and next messages.
6. Press the  key to return to the Idle screen.

Browser Message Settings

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**), and  for **Browser Messages**. The following options appear in the display:
 - **Inbox** — Lets you read messages received from the web server.
 - **Setting** — Lets you set whether or not your phone accepts browser messages.
 - **Delete All** — Lets you delete all received browser messages.
2. Use the navigation keys to highlight **Setting** and press the **Select** (left) soft key () or the  key. The following message acceptance options appear in the display:
 - **Always** — Your phone accepts browser messages.
 - **Never** — Your phone does not accept browser messages.
 - **Optional** — Your phone accepts browser messages only from a specific messaging Service Center. When you select this option, you must enter a specific Service Center number.
3. Use the navigation keys to highlight the preferred message acceptance option and press the **Select** (left) soft key () or the  key. The Browser Messages menu appears in the display.
4. Press the  key to return to the Idle screen.

Deleting All Browser Messages

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**), and  for **Browser Messages**. The following options appear in the display:
 - **Inbox** — Lets you read messages received from the web server.
 - **Setting** — Lets you set whether or not your phone accepts browser messages.
 - **Delete All** — Lets you delete all received browser messages.
2. Use the navigation keys to highlight **Delete All** and press the **Select** (left) soft key () or the  key. You are prompted to confirm the deletion.
3. To confirm the deletion, press the **Yes** (left) soft key () . To cancel the deletion, press the **No** (right) soft key () .
4. Press the  key to return to the Idle screen.

Using Message Templates

Your phone contains message templates (that is, text samples) that you can use when creating messages. You simply select a template from the list and the template text appears in your message text entry screen. You can then send the template text to your recipient or you can change the text to suit yourself or your recipient.

You can also change the text in the templates themselves to suit your preferences.

Sending a Template Text-only Message

To quickly send a message containing only text from a template, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**), and  for **Templates**. The **Templates** menu appears in the display.
2. Use the navigation keys to highlight a template and press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit** — Lets you change the template's text.
 - **Send Message** — Lets you start/send a message containing the template text.
 - **Delete** — Lets you delete a template's text.
3. Press  for **Send Message**. The following options appear in the display:
 - **Send via Text Message** — Lets you start/send a text message containing the template text.
 - **Send via Multimedia Message** — Lets you start/send a multimedia message containing the template text.
4. Press  for **Send via Text Message**. The message text entry screen appears in the display containing the selected template text.
5. Press the  key. The **Address** screen appears in the display.
6. Enter your recipient's number and press the **OK** (left) soft key () or the  key. The **Send** screen appears in the display.

7. Press the **Send** (right) soft key () to send the message.
8. Press the  key to return to the Idle screen.

Adding Template Text to Message Text

To include template text in a message, do the following:

1. With the message text input screen showing in the display, press the **Options** (left) soft key (). The **Options** menu appears in the display.
2. Press  for **Templates**, or use the navigation keys to highlight **Templates** and press the **Select** (left) soft key () or the  key. The **Templates** menu appears in the display.
3. Use the navigation keys to highlight a template and press the **Select** (left) soft key () or the  key. The selected template's text appears in the message text entry screen.
4. Change the template text as needed for this message. See "Section 5: Entering Text" on page 61 for more information.
5. When you complete your message, press the **Options** (left) soft key (). The **Options** menu appears in the display.
6. Press  for **Send** or use the navigation keys to highlight **Send** and press the **Select** (left) soft key () or the  key to address and send your message.
7. Press the  key to return to the Idle screen.

Changing Template Text

1. In Idle mode, press the **Menu** (left) soft key (), then

press  (for **Messaging**), and  for **Templates**. The **Templates** menu appears in the display.

2. Use the navigation keys to highlight a template and press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Edit** — Lets you change the template's text.
 - **Send Message** — Lets you start/send a message containing the template text.
 - **Delete** — Lets you delete a template's text.
3. Press  for **Edit** or use the navigation keys to highlight **Edit** and press the **Select** (left) soft key () or the  key. The selected template text appears in the **Templates** screen in the display.
4. Change the template text according to your preferences. See “Section 5: Entering Text” on page 61 for more information.
5. When you finish editing the template text, press the OK (left) soft key () or the  key to save your changes.
6. Press the  key to return to the Idle screen.

Broadcast Messages (SIM Dependent)

This network service allows you to receive text messages on various topics, such as the weather or traffic. Cell Broadcast (CB) messages display as soon as they are received, provided that:

- Your phone is in Idle mode.
- You have set the **Receive** option to **On**.
- The message channel is currently active on the channel list.

Settings

This menu lets you tailor your phone's messaging functions.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**), and  for **Settings**. The following options appear in the display:
 - **Text Message** — Lets you change your phone's text messaging settings.
 - **Multimedia Message** — Lets you change your phone's multimedia messaging settings.
2. Use the navigation keys to highlight the type of message settings you want to change and press the **Select** (left) soft key () or the  key.

The following sections provide message settings change procedures.

Text Message Settings

The following options are available:

- **Service Center** — Lets you store or change the access number for your message Service Center.

Note: The Service Center number is required for your phone to be able to send text messages. You must obtain this number from your service provider.

- **Validity Period** (SIM dependent) — Lets you set the length of time your text messages are stored at the Service Center while attempts are made to deliver them.
- **Message Type** (SIM dependent) — Lets you view the type of message sent.
- **Reply Path** (SIM dependent) — Lets the recipients of your messages send you reply messages using your Service Center, if your network supports this service.
- **Delivery Report** (SIM dependent) — Lets you activate or deactivate the message report function. When this function is active, the network informs you whether or not your messages are delivered.
- **Character Support** — Lets you select which character set to use in displaying your text messages: GSM-alphabet (Global System for Mobile communication), Uni-code (16-bit, multi-language), Automatic.

Multimedia Message

The following options are available:

Send Settings

- **Priority** — Lets you select the delivery priority level (Low, Normal, High) for your messages.
- **Validity Period** — Lets you set the length of time (1/6/12 Hours, 1 Day, 1 Week, Maximum) your messages are stored in the Service Center while the network attempts to deliver them.
- **Delivery After** — Lets you set a delay time (Immediately, 1/6/12 Hours, 1/3 Days, 1 Week, 1 Month) before the phone sends your messages.
- **Delivery Report** — Lets you set whether (On) or not (Off) the network informs you whether your messages are delivered.
- **Read Reply** — Lets you set whether (On) or not (Off) your phone sends a request for a reply to recipients along with your messages.

Receive Settings

- **Msg. Reception** — Lets you set your phone to prompt you to receive or reject incoming messages (Manual), to accept all incoming messages (Automatic), or to reject all incoming messages (Reject).
- **Anonymous Reject** — Lets you set your phone to automatically reject anonymous messages (that is, messages with no sender number or e-mail address).
- **Ads Reject** — Lets you set your phone to automatically reject advertising messages (also known as “spam”).
- **Report Allowed** — Lets you set your phone to receive a delivery report from the Service Center.

Multimedia Message Profiles

- **Current Profile** — Lets you select a connection profile to be used for sending and receiving multimedia messages.

- **Profile Setting** — Lets you create or change your multimedia message connection profile(s).

Checking Memory Status

You can check the amount of the memory being used and the memory remaining to store text and multimedia messages.

Each Memory Status screen shows the total message memory used and free in your phone and your SIM card. Use the navigation keys to scroll or page through the memory status information.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Messaging**), and  for **Memory Status**. The following Memory Status screen options appear in the display:
 - **Text Message** — Lets you view the number of messages you have stored in your phone's memory and on your SIM card.
 - **Multimedia Message** — Lets you view the number of messages you have stored in your phone's memory and the amount of memory used to store the messages.
2. Use the navigation keys to highlight the particular Memory Status screen you wish to view and press the **Select** (left) soft key () or the  key.

Note: The Multimedia Message screen has multiple pages. Use the **Left** and **Right** navigation keys to view preceding and succeeding pages.

3. Press the  key to return to the Idle screen.

Section 8: Changing Your Settings

Topics Covered

- Time & Date
 - Phone Settings
 - Display Settings
 - Sound Settings
 - Network Services
 - Security Settings
 - Resetting Your Phone
 - Passwords, PINs, and Access Codes
-

This section explains how to customize many of your phone's options to suit your preferences. Using the Settings menu, you can set or change security features, shortcuts, language, and more.

Time & Date

This menu lets you change the current time and date showing on your phone's displays.

Note: Before setting the time or date, you must set your local time zone using the **World Time** feature. For more information, see "Setting Local Time" on page 205.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) and  for **Time & Date**. The following options appear in the display:
 - **Set Time** — Lets you manually change the current time setting for your phone.
 - **Set Date** — Lets you manually change the current date setting for your phone.
 - **Time Format** — Lets you select a 12-hour or 24-hour format for showing and entering times.
 - **Auto Update** — When active (set to On), the network synchronizes your phone's clock with the network clock.
2. Select a sub-menu and to change the desired setting.
3. When you have finished, press the  key.

Set Time

Set Time lets you enter the current time manually, using the keypad, and according to the time format setting in the **Time Format** sub-menu.

Notes:

When **Auto Update** is set to **On**, the network adjusts time and date automatically.

Before setting the time or date, you must set your local time zone using the **World Time** feature. For more information, see “Setting Local Time” on page 205.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Time & Date**), and  for **Set Time**. The **Set Time** screen appears in the display with the cursor underlining the first digit of the hour setting.

The current time shows underneath the time entry field. If the current time indicates includes **AM** or **PM**, **Time Format** is set to **12-hour**.

2. Enter the current time using your keypad.
The hour and minute must be entered using two digits each. You must enter the hour in 12-hour format.
3. Press the **OK** (left) soft key () or press . The following options appear in the display:
 - **AM**
 - **PM**
4. Use the navigation keys to select the appropriate option and press the **Select** (left) soft key () or press  to save the new time setting.

Set Date

Allows you to manually enter the month, day, and year.

Notes:

When **Auto Update** is set to **On**, the network adjusts time and date automatically.

Before setting the time or date, you must set your local time zone using the **World Time** feature. For more information, see “Setting Local Time” on page 205.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Time & Date**), and  for **Set Date**. The **Set Date** screen appears in the display with the cursor underlining the first digit of the month setting.
2. Enter the current date using your keypad.
The month and day must be entered using two digits each. The year must be entered with all four digits.
3. Press the **OK** (left) soft key () or the  key to save the date.

Time Format

Time Format lets you set your phone to display the time in either 12-hour format (that is, 5:00AM and 5:00PM) or 24-hour format (that is, 05:00 and 17:00).

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Time & Date**), and  for **Time Format**. The following options appear in the display:
 - **24 Hours**

- **12 Hours**
- 2. Use the navigation keys to highlight the desired option, then press the **OK** (left) soft key () or press .

Auto Update

Auto Update lets you elect whether to synchronize your phone's clock with your Wireless Provider's network.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Time & Date**), and  for **Auto Update**. The following options appear in the display:
 - **Off** — Lets you manually set the time and date according to the current time zone using the Set time menu (Menu 9.1.1).
 - **On** — Lets your Wireless Provider's network automatically update the time and date on your phone.
 - **Confirm First** — Your phone prompts you to confirm automatic updates.

Note: Automatic updates of time and date do not change the time you have set for alarm settings or calendar memos.

2. Use the navigation keys to highlight the desired option, then press the **OK** (left) soft key () or press .

Phone Settings

To customize the settings for your phone, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) and  for **Phone Settings**. The following options appear in the display:
 - **Language** — Lets you select the language used to generate text that appears in the display.
 - **Greeting Message** — Lets you enter text that appears in the display when you Power On your phone.
 - **Extra Settings** — Lets you select call answering and automatic redial options.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.

Language

Lets you select the display text or text messaging language.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) ,  (for **Phone Settings**) , and  for **Language**. The following options appear in the display:
 - **Text Language** — Lets you select the language that appears in the display.
 - **Input Mode** — Lets you select the language that you can enter in message text.
2. Use the navigation keys to select the language option that you wish to change, then press the **Select** (left) soft key () or the  key. The following options appear in the display:

- **Automatic (Text Language only)** — Lets the language setting on your SIM card automatically determine which language appears in the display. (This option may not display on your phone, depending on your Wireless Provider, phone software version, or country.)
- **English**
- **Français**
- **Español**

Greeting Message

This option allows you to enter or change a text greeting to be displayed briefly when you switch your phone on.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Phone Settings**), and  for **Greeting Message**.
The **Enter Greeting** screen appears in the display.
2. Use the keypad keys to enter the text of your message.
See “Section 5: Entering Text” on page 61 for more information about entering text.
3. When you have finished entering text, press the **OK** (left) soft key () or the  key.
“**Changed**” appears in the display to confirm your changes.

Extra Settings

These settings let you tailor your phone's automatic redialing and call answering features to suit your preferences.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Phone Settings**), and  for **Extra Settings**. The following options appear in the display:

- **Auto Redial** — Phone makes up to ten attempts to redial a phone number after an unsuccessful call.

Note: The interval between call attempts varies.

- **Anykey Answer** — Lets you answer an incoming call by pressing any key, except the  key or the **Reject** soft key.
- **Open to Answer** — Lets you simply open the phone to answer a call.

Note: When both the **Anykey Answer** option and the **Open to Answer** option are unchecked, you must press the  key or **Accept** (left) soft key () to answer a call.

2. To turn a feature on, press the **Select** (left) soft key () or the  key. A check mark appears in a box to the left of the option.
3. To turn a feature off, press the **Select** (left) soft key () or the  key. The check mark disappears.
4. Press the  (right) soft key () to save your settings.

Display Settings

In this menu, you can change various settings for the display or backlight.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) and  for **Display Settings**. The following options appear in the display:
 - **Wallpaper** — Lets you change the background image or the color of the text to be displayed in Idle mode.
 - **Skin** — Lets you select the menu display style.
 - **Backlight Time** — Lets you select the length of time the backlight remains on with no activity.
 - **Brightness Control** — Lets you adjust the brightness of the main and external displays.
 - **Dialing Font Color** — Lets you set the color or colors applied to numbers entered using the keypad.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
For the details of each option, see the following sub-sections.
3. When you have finished, press the  key.

Wallpaper

Wallpaper lets you change the background image or the color of the text to be displayed in Idle mode.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) ,  for **Display Settings**, and  for **Wallpaper**. The following options appear in the display:
 - **Download Graphics** — Lets you access downloadable image files available through your Wireless Provider. Images you download are stored in the Graphics folder. [See the **Graphics** option (below) for more information.]
 - **Animations** — Lets you choose the multi-media or pictures that appear in your phone's display while in standby mode.
 - **Graphics** — Lets you select an image file stored on your phone for display as wallpaper for the Idle screen.
 - **Text Position** — Lets you specify the positioning of the text in the display.
 - **Text Color** — Lets you specify what color text is presented on the standby mode screen.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Skin

This option lets you select the menu display style.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Display Settings**), and  for **Skin**. The following options appear in the display:
 - **Pattern 1**
 - **Pattern 2**
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Backlight Time

This option lets you select the length of time the backlight remains on with no activity. The backlight turns on when you press a key, when you open the phone or you receive a call or message, and remains on for the specified length of time.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Display Settings**), and  for **Backlight Time**. The following options appear in the display:
 - **15 Seconds**
 - **30 Seconds**
 - **1 Minute**
 - **3 Minutes**
 - **10 Minutes**
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.

- When you have finished, press the  key.

Brightness Control

This option lets you adjust the brightness of the main and external displays to see them better in differing conditions.

- In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Display Settings**), and  for **Brightness Control**. The following options appear in the display:
 - Main LCD** — Lets you adjust the Main (internal) display's brightness.
 - External LCD** — Lets you adjust the External display's brightness.
- Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
- Use the **Up** and **Down** navigation keys or press the **Volume** keys to adjust the brightness, then press the **Select** (left) soft key () or the  key.

Dialing Font Color

This option lets you set the color or colors applied to numbers entered using the keypad to your preference.

- In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Display Settings**), and  for **Dialing Font Color**. The following options appear in the display:
 - Black** — Shows entered numbers in black.
 - Rainbow** — Shows entered numbers in a progression of colors.

2. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key to select the desired option.

Sound Settings

You can customize the settings related to various sounds for the phone, such as the call ringer, key tone, power on/off melody, and so on.

1. In Idle mode, press the **Menu** (left) soft key () , then press  for **Sound Settings**. The following options appear in the display:
 - **Incoming Calls** — Lets you specify how your phone is to indicate new incoming calls.
 - **Keypad Tone** — Lets you select the tone that the phone sounds when you press a key.
 - **Message Tone** — Lets you set up the ringer for incoming messages, text messages, multimedia messages, and broadcast messages.
 - **Power On/Off** — Lets you select whether your phone plays melodies when switched on and off.
 - **Silent Mode** — Lets you choose whether the phone vibrates to inform you of new messages, alerts, or when the time for an alarm comes when you place the phone in Silent mode.
 - **Extra Tone** — Lets you enable/disable optional tones (Minute Minder, Connect Tone, Alerts on Call, and Indicative Tone).
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.

For the details of each option, see the following sub-sections.

3. When you have finished, press the  key.

Incoming Calls

This option lets you specify how your phone is to indicate new incoming calls.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**) and  for **Incoming Calls**. The following options appear in the display:
 - **Download Ringtones** — Lets you use the WAP browser to download ringtones from the wireless web.
 - **Default Ringtones** — Lets you select a ringtone from among those supplied with your phone.
 - **My Audio** — Lets you select a ringtone from among those you have downloaded to your phone.
 - **Ring Volume** — Lets you adjust the ring volume to one of five levels.
 - **Alert Type** — Lets you specify whether your phone is to indicate new incoming calls by playing a melody, vibrating, or a combination of the two.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Keypad Tone

This menu lets you select the tone that the phone sounds when you press a key. To turn off the sound, select **Off**.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**) and  for **Keypad Tone**. The following options appear in the display:
 - **Default Keypad Tone** — Lets you set the keypad tone to **Off**, **Tone**, or **Beep**.
 - **Volume** — Lets you adjust the keypad tone volume to one of five levels.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Message Tone

This menu lets you set up the ringer for incoming messages, text messages, and multimedia messages.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**) and  for **Message Tone**. The following options appear in the display:
 - **Text Message** — Lets you set select how the phone informs you that a new text message has been received.
 - **Multimedia Message** — Lets you set select how the phone informs you that a new multimedia message has been received.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Text Message

This menu allows you to select how the phone informs you that a new text message has been received.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**),  (for **Message Tone**),  for **Text Message**. The following options appear in the display:
 - **Tone** — Lets you set one of five message tones.
 - **Alert Type** — Lets you set the alert to **Silent**, **Tone**, **Vibration**, and **Vibration Then Tone**.
 - **Repetition** — Lets you set the text message alert to repeat **Once** (when a message is received) or **Periodic** (every two minutes after a message is received until you open the message).
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Multimedia Message

This menu allows you to select how the phone informs you that a new multimedia message has been received.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**),  (for **Message Tone**),  for **Multimedia Message**. The following options appear in the display:
 - **Tone** — Lets you set one of five message tones.
 - **Alert Type** — Lets you set the alert to **Silent**, **Tone**, **Vibration**, and **Vibration Then Tone**.
 - **Repetition** — Lets you set the text message alert to repeat **Once** (when a message is received) or **Periodic** (every two minutes after a message is received until you open the message).

minutes after a message is received until you open the message).

2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Power On/Off

This menu lets you select whether your phone plays melodies when switched on and off.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**) and  for **Power On/Off**. The following options appear in the display:
 - **Off** — Does not play power on/off melodies.
 - **On** — Plays power on/off melodies.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Silent Mode

This menu lets you choose whether the phone vibrates to inform you of new messages, alerts, or when the time for an alarm comes when you place the phone in Silent mode.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**) and  for **Silent Mode**. The following options appear in the display:
 - **Vibration** — Phone vibrates when in Silent Mode.
 - **Mute** — Phone turns on the display backlight, and a message, call, alert, or alarm indication appears in the display.

2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Extra Tone

This option lets you customize additional tones for the phone.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Sound Settings**) and  for **Extra Tone**. The following options appear in the display:
 - **Minute Minder** — Lets you choose whether or not your phone beeps every minute during an outgoing call.
 - **Connect Tone** — Lets you choose whether or not your phone beeps when it connects to the network.
 - **Alerts on Call** — Lets you choose whether or not your phone beeps during a call when you receive a new message or when an alarm time is reached.
 - **Indicative Tones** — Lets you choose whether or not your phone beeps when you have made a mistaken entry.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
A check mark appears in or disappears from the box to the left of the option.
3. When you have finished, press the  key.

Network Services

You can customize the settings for network features supported by your wireless provider, such as call forwarding, and call waiting.

Note: Some of these services may not be available due to coverage area or service plans. If you have any questions, please contact the Customer Support center.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) and  for **Network Services**. The following options appear in the display:
 - **Call Forwarding** — Lets you set conditions for rerouting incoming calls to a specified number.
 - **Call Waiting** — Lets you set individual call waiting options for voice calls and/or data calls.
 - **Network Selection** — Lets you automatically or manually select the network used when roaming outside of your home area.
 - **Caller ID** — Lets you select whether your phone number is displayed on the phones of persons you call.
2. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key.
For the details of each option, see the following sub-sections.
3. When you have finished, press the  key.

Call Forwarding

This network service lets you reroute incoming calls to a number that you specify.

Example: You could forward your business calls to a colleague while you are on vacation.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Network Services**), and  for **Call Forwarding**. The following options appear in the display:
 - **Forward Always** — Forwards all calls.
 - **Busy** — Forwards calls when you are already on another call.
 - **No Reply** — Forwards calls when you do not answer the phone.
 - **Unreachable** — Forwards all calls when you are not in an area covered by your service provider or when your phone is switched off.
 - **Cancel All** — Cancels all call forwarding options.
2. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key. The following call type options appear in the display:
 - **Voice Calls** — Forwards voice calls.
 - **Data Calls** — Forwards data calls.
3. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key.
4. Press the **Activate** (left) soft key () or the  key.
5. Using the keypad enter the forwarding number and press the **OK** (left) soft key () or the  key.

6. The phone sends your settings to the network and the network's acknowledgement appears in the display.

Call Waiting

This network service informs you when someone is trying to reach you during another call. You can specify individual call waiting options for voice calls and / or data calls.

Setting Call Waiting Options

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Network Services**), and  for **Call Waiting**. The following options appear in the display:
 - **Voice Calls** — Applies Call Waiting to voice calls only.
 - **Data Calls** — Applies Call Waiting to data calls only.
 - **Cancel All** — Disables Call Waiting.
2. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key. The current status (activated or deactivated) of Call Waiting appears in the display.
3. If needed, press the **Activate** (left) soft key () or the  key to activate the call waiting feature.
4. The phone sends your settings to the network and the network's acknowledgement appears in the display.

Deactivating Call Waiting Settings

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Network Services**), and  for **Call Waiting**. The following options appear in the display:
 - **Voice Calls** — Applies Call Waiting to voice calls.
 - **Data Calls** — Applies Call Waiting to data calls.
 - **Cancel All** — Disables Call Waiting.
2. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key. The current status (activated or deactivated) of Call Waiting appears in the display. Select **Cancel All** to cancel all call waiting options.
3. Press the **Deactivate** (left) soft key () or the  key.
4. The phone sends your settings to the network and the network's acknowledgement displays.

Network Selection

The Network Selection feature lets you automatically or manually select the network used when roaming outside of your home area.

Note: Contact your service provider for information regarding Roaming and preferred systems.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Network Services**), and  for **Network Selection**. The following options appear in the display:

- **Automatic** — Lets you connect to the first available network when roaming.
 - **Manual** — Lets you select the network you want to use. Your phone will scan for that network and you will be connected.
2. Use the navigation keys to highlight an option and press the **Select** (left) soft key () or the **i** key.

Caller ID

You can specify whether your phone number is displayed on the phones of persons you call by doing the following:

Note: Some networks do not allow you to change this setting.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Network Services**), and  (for **Caller ID**).

The following options appear in the display:

- **Default** — The default setting provided by the network is used.
 - **Hide Number** — Your number does not display on the other person's phone.
 - **Send Number** — Your number is sent each time you make a call.
2. Use the navigation keys to highlight the desired option.
 3. Press the **Select** (left) soft key () or press **i** to select the highlighted option.

Security Settings

The Security feature enables you to restrict the use of your phone by the others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) and  for **Security**.

The following options appear in the display:

- **PIN Check** — Requires that you enter your Personal Identification Number (PIN) to use your phone's features.
 - **Change PIN** — Lets you change your PIN. (You must enter your current PIN to change it.)
 - **Phone Lock** — Requires that you enter the phone's password to use your phone's features.
 - **Change Password** — Lets you change the phone's password. (You must enter the current password to change it.)
 - **Privacy** — Requires that you enter the phone's password to access your media contents, such as picture messages, voice messages, voice list, images, and sounds.
 - **SIM Lock** — Your phone only works with the current Subscriber Identity Module (SIM).
 - **FDN Mode** — Lets you use Fixed Dial Number (FDN) mode, if supported by your SIM card, restrict your outgoing calls to a limited set of phone numbers.
 - **Change PIN2** — Lets you change your second PIN. (You must enter your current second PIN to change it.)
2. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.

3. When you have finished, press the  key.

PIN Check

When the PIN Check feature is enabled, you must enter your PIN each time you switch on the phone. Any person who does not have your PIN cannot use your phone without your approval.

Note: Before enabling or disabling the PIN Check feature, you must enter your PIN.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **PIN Check**.

The following options are available:

- **Disable** — The phone connects directly to the network when you switch it on.
 - **Enable** — You must enter the PIN each time the phone is switched on.
2. Use the navigation keys to select the desired option, then press the **Select** (left) soft key () or press  key. You are prompted to enter your PIN.
 3. Use the keypad to enter your PIN, then press the **OK** (left) soft key () or press  key.

Note: If you enter a PIN incorrectly three times, the PIN is disabled and you must obtain a PIN Unblocking Key (PUK) from Customer Service and enter it.

Change PIN

This feature lets you change your current PIN.

Note: You must enable the **PIN Check** feature before using this feature. See “PIN Check” on page 159 for more information.

You must enter the current PIN before you can specify a new one.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Change PIN**. Either a Warning message or the Change PIN screen appears in the display.

If the “**PIN Check Must Be Enabled**” warning message appears in the display followed by the **Security** menu, use the navigation keys to highlight **PIN Check**, then press the **Select** (left) soft key () or press  key. (See “PIN Check” on page 159 for more information.)

Otherwise, the **Change PIN** screen appears in the display, prompting you to enter your current PIN.

2. Use the keypad to enter your PIN, then press the **OK** (left) soft key () or press  key.

Note: If you enter a PIN incorrectly three times, the PIN is disabled and you must obtain a PIN Unblocking Key (PUK) from Customer Service and enter it.

You are prompted to enter your new PIN.

3. Use the keypad to enter your new PIN, then press the **OK** (left) soft key () or press  key.

You are prompted to confirm new PIN.

4. Use the keypad to enter your new PIN, then press the **OK** (left) soft key () or press **i** key.

“PIN Changed” appears in the display followed by the **Security** menu.

Phone Lock

When the Phone Lock feature is enabled, you must enter the 4- to 8-digit phone password each time you switch your phone on.

Note: The password is preset to “00000000” at the factory. To change the phone password, see “Change Password” on page 162.

Once you have entered the phone password, you can use the phone until you switch it off.

Enable Phone Lock

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Phone Lock**. The following options are available:
 - **Disable** — You are not asked to enter the phone password when you switch on the phone.
 - **Enable** — You are required to enter the phone password when you switch on the phone.
2. Use the navigation keys to select **Enable**, then press the **Select** (left) soft key () or press **i** key. You are prompted to enter your phone’s password.
3. Use the keypad to enter the phone password, then press the **OK** (left) soft key () or press **i** key.
 “Phone Lock Enabled” appears in the display followed by the **Security** menu.

Disable Phone Lock

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Phone Lock**. The following options are available:
 - **Disable**
 - **Enable**
2. Use the navigation keys to select **Disable**, then press the **Select** (left) soft key () or press  key. You are prompted to enter your phone's password.
3. Use the keypad to enter the phone password, then press the **OK** (left) soft key () or press  key.

“**Phone Lock Disabled**” appears in the display followed by the **Security** menu.

Change Password

The Change Password feature allows you to enter a new password for your phone. When the Phone Lock feature is enabled, your phone's password controls access to your phone. See “Phone Lock” on page 161 for more information.

Note: You must enter the current password before you can specify a new one. The password is preset to “00000000” at the factory.

Once you have entered a new password, you are asked to confirm it by entering it again.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Change Password**.

The Change Password screen appears in the display, prompting you to enter the current password.

2. Use the keypad to enter the current 4- or 8-digit password, then press the **OK** (left) soft key () or press  key.

You are prompted to enter a new password.

3. Use the keypad to enter the new 4- to 8-digit password, then press the **OK** (left) soft key () or press  key.

You are prompted to confirm the new password by entering it a second time.

4. Use the keypad to enter the new 4- to 8-digit password, then press the **OK** (left) soft key () or press  key.

“Password Changed” appears in the display followed by the **Security** menu.

Privacy

Using this menu, you can lock your media contents, such as multimedia messages, image files, and audio (sound) files. Once you have locked the contents, you must enter the phone’s password to access the associated menus.

Note: The password is preset to “00000000” at the factory. To change the phone password, see “Change Password” on page 162.

Activate Privacy

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Privacy**. The following options appear in the display:
 - **All** — Selects all Privacy options.
 - **Multimedia Message** — Requires entry of phone password to access the **Multimedia** messages menu.
 - **Downloaded Graphics** — Requires entry of phone password to access the **Multimedia Message Images** menu or **Downloaded Graphics** menu.
 - **Audio** — Requires entry of phone password to access the **Add Sound** menu or **Audio** menu.
2. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or press  key.
 A check mark appears in a box to the left of the option.
 If you select **All**, check marks appear in the boxes to the left of all Privacy options.
3. Press the **OK** (right) soft key ().
 You are prompted to enter your phone's password.
4. Use the keypad to enter the phone's 4- to 8-digit password, then press the **OK** (right) soft key () or press  key.
"Privacy Activated" appears in the display followed by the **Security** menu.

Deactivate Privacy

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Privacy**. The following options appear in the display:
 - **All** — Selects all Privacy options.
 - **Multimedia Message** — Unlocks access to the **Multimedia** messages menu.
 - **Downloaded Graphics** — Unlocks access to the **Multimedia Message Images** and **Downloaded Graphics** menus.
 - **Audio** — Unlocks access to the **Add Sound** and **Audio** menus.
2. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or press  key.
 The check mark disappears from the box to the left of the desired option.
 If you select **All**, check marks disappear from all of the boxes to the left of all Privacy options.
3. Press the **OK** (right) soft key () .
 You are prompted to enter your phone's password.
4. Use the keypad to enter the phone's 4- to 8-digit password, then press the **OK** (right) soft key () or press  key.
 "Privacy Deactivated" appears in the display followed by the **Security** menu.

SIM Lock

The SIM Lock feature lets you limit open access to your phone only to your SIM. If someone installs their own SIM into your phone, they are prompted enter your SIM Lock password when they turn your phone on.

Note: The SIM Lock password is temporary, that is, your phone retains the password only while the SIM Lock feature is enabled.

When you disable the SIM Lock, the SIM Lock password is erased.

Enable SIM Lock

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **SIM Lock**. The following options appear in the display:
 - **Disable** — Any SIM can use your phone.
 - **Enable** — Your SIM can use your phone. Another SIM causes your phone to prompt for your SIM Lock password to use your phone.
2. Use the navigation keys to highlight **Enable**, then press the **Select** (left) soft key () or press  key. You are prompted to enter a new SIM Lock password.
3. Use the keypad to enter the new 4- to 8-digit SIM Lock password, then press the **OK** (left) soft key () or press  key.

You are prompted to confirm the new SIM Lock password by entering it a second time.
4. Use the keypad to enter the new 4- to 8-digit password, then press the **OK** (left) soft key () or press  key.

“**SIM Lock Personalised**” appears in the display followed by the **Security** menu.

Disable SIM Lock

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **SIM Lock**. The following options appear in the display:
 - **Disable**
 - **Enable**
2. Use the navigation keys to highlight **Disable**, then press the **Select** (left) soft key () or press  key. You are prompted to enter a new SIM Lock password.
3. Use the keypad to enter the 4- to 8-digit SIM Lock password, then press the **OK** (left) soft key () or press  key.

“**SIM Lock Deactivated**” appears in the display followed by the **Security** menu.

FDN Mode

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

Enable FDN Mode

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **FDN Mode**. The following options appear in the display:
 - **Disable** — You can call any number.

- **Enable** — You can only call phone numbers stored in the PhoneBook.
2. Use the navigation keys to select **Enable**, then press the **Select** (left) soft key () or press **7** key. You are prompted to enter your phone's second Personal Identification Number (PIN2).

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

3. Use the keypad to enter the PIN2, then press the **OK** (left) soft key () or press **7** key.
 “FDN Enabled” appears in the display followed by the **Security** menu.

Disable FDN Mode

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **FDN Mode**. The following options appear in the display:
 - **Disable**
 - **Enable**
2. Use the navigation keys to select **Disable**, then press the **Select** (left) soft key () or press **7** key. You are prompted to enter your phone's password.
3. Use the keypad to enter the PIN2, then press the **OK** (left) soft key () or press **7** key.
 “FDN Disabled” appears in the display followed by the **Security** menu.

Change PIN2

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**),  (for **Security**), and  for **Change PIN2**. The **Change PIN2** screen appears in the display, prompting you to enter your current PIN2.
2. Use the keypad to enter your PIN2, then press the **OK** (left) soft key () or press  key.

Note: If you enter a PIN2 incorrectly three times, the PIN2 is disabled and you must obtain a PIN2 Unblocking Key (PUK2) from Customer Service and enter it.

You are prompted to enter your new PIN2.

3. Use the keypad to enter your new PIN2, then press the **OK** (left) soft key () or press  key.

You are prompted to confirm new PIN2.

4. Use the keypad to enter your new PIN2, then press the **OK** (left) soft key () or press  key.

“**PIN2 Changed**” appears in the display followed by the **Security** menu.

Resetting Your Phone

You can easily reset your phone to its default settings.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Settings**) and  for **Reset Settings**. The following options appear in the display:
 - **All** — Lets you reset the phone, display, and sound settings.
 - **Phone Settings** — Lets you reset the phone settings to their factory default settings.
 - **Display Settings** — Lets you reset the display settings to their factory default settings.
 - **Sound Settings** — Lets you reset the sound settings to their factory default settings.
2. Use the navigation keys to highlight the desired settings to be reset, then press the **Select** (left) soft key () or press  key.
 “**Reset Settings?**” appears in the display and prompts you to confirm the selected settings reset.
3. To confirm the settings reset, press the **Yes** (left) soft key () and enter your phone's password.
4. To cancel the settings reset, press the **No** (right) soft key () .

Passwords, PINs, and Access Codes

There are several access codes for use with your phone and its Subscriber Identity Module (SIM card). These codes help you protect your phone and the personal information stored in it against unauthorized use.

When prompted to enter any of the codes explained below, enter the appropriate code (asterisks appear in your phone's display) and press the **OK** (left) soft key () or the  key.

Note: If you make a mistake, repeatedly press the  key until the incorrect digit is cleared and then continue entering the correct code.

The access codes, except for the PUK and PUK2 codes can be changed using the **Security Settings** menu. See “Security Settings” on page 158 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 911, to prevent accidental dialing of an emergency number.

Phone Password

The **Phone Lock** feature uses the phone password to protect your phone against unauthorized use. The phone password is supplied with the phone and is preset to “00000000” at the factory.

- To activate/deactivate the **Phone Lock** feature, see “Phone Lock” on page 161.
- To change the phone password, see “Change Password” on page 162.

PIN

The Personal Identification Number (PIN) is 4 to 8 digits long and protects your SIM card against unauthorized use. It is usually supplied with the SIM card.

Note: If you enter the PIN incorrectly three times in a row, the PIN is disabled and cannot be used until you re-enable it by obtaining the PIN Unblocking Key (PUK) from Customer Service/Support and entering it. See below.

- To activate/deactivate the PIN Check feature, see “PIN Check” on page 159.
- To change the PIN, see “Change PIN” on page 160.

PUK

The 8-digit PIN Unblocking Key (PUK) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, contact your Wireless Provider.

To re-enable your PIN, do the following:

1. At the **Enter PUK** prompt, enter the PUK using the keypad, then press the **OK** (left) soft key () or the  key.

Note: If you enter the PUK incorrectly ten times in succession, the SIM card becomes invalid. Contact your Wireless Provider for a new SIM card.

2. Enter a PIN of your choice and press the **OK** (left) soft key () or the  key.

The “Confirm New PIN” message appears in the display, prompting you to enter the new PIN a second time.

3. Enter the new PIN again using the keypad, then press the **OK** (left) soft key  or the  key.

PIN2

The 4- to 8-digit second Personal Identification Number (PIN2), supplied with some SIM cards, is required to access specific functions, such as enabling the Fixed Dial Number (FDN) mode. These functions are available if supported by your SIM card.

Note: If you enter the PIN2 incorrectly three times in a row, the code is disabled and you cannot access certain functions until you re-enable it by entering the PUK2.

- To activate/deactivate the FDN Mode feature, see “FDN Mode” on page 167.
- To change the PIN2, see “Change PIN2” on page 169.

PUK2

The 8-digit PIN2 Unblocking Key (PUK2), supplied with some SIM cards, is required to change a disabled PIN2.

Note: If you lose the PIN2 code, contact your Wireless Provider.

To re-enable your PIN2, do the following:

1. At the **Enter PUK2** prompt, enter the PUK2 using the keypad, then press the **OK** (left) soft key  or the  key.

Note: If you enter the PUK2 incorrectly ten times in succession, the SIM card becomes invalid. Contact your Wireless Provider for a new SIM card.

2. Enter a PIN2 of your choice and press the **OK** (left) soft key (⏏) or the **i** key.

The “Confirm New PIN2” message appears in the display, prompting you to enter the new PIN2 a second time.

3. Enter the new PIN2 again using the keypad, then press the **OK** (left) soft key (⏏) or the **i** key.

Section 9: Applications

Topics Covered

- Alarm
 - Organizer
 - Calculator
 - Record Audio
 - Unit Conversion
 - Timer
 - Stopwatch
 - World Time
-

This section explains how you can use your phone to schedule appointments, view the calendar, create To-Do lists, set an alarm, and perform simple math calculations.

Alarms

Your SGH-x496 phone includes an alarm clock. You can set the alarm to ring at a specific time. You can also set your phone to automatically switch on and ring the alarm even if the phone is switched off.

Setting an Alarm

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Alarm**. The following options appear in the display:
 - **Wake-up Call** — Lets you set the alarm to ring to wake you up at a specified time.

Tip: To save battery power, consider setting the **Auto Power** option also. Then you can turn off your phone for the night and still receive the Wake-up Call.

- **Alarm1** — Primary alarm setting.
 - **Alarm2** — Secondary alarm setting.
 - **Auto Power** — The alarm rings even when the phone is turned off.
2. Use the navigation keys to highlight the desired Alarm option, then press the **Select** (left) soft key () or the  key. The selected Alarm screen appears in the display showing the alarm time, alarm tone, and day(s) settings.

3. To change the alarm settings, press the **Options** (left) soft key () or the **i** key. The following options appear in the display:
 - **Alarm Day** — Lets you select the day or days the selected alarm will sound.
 - **Alarm Time** — Lets you select the time the selected alarm will sound.

Note: Your phone is preset to a 12-hour format.

- **Alarm Tone** — Lets you select the sound of the selected alarm.
- **Remove Alarm** — Lets you disable the selected alarm (that is, set the selected alarm to Off).

Alarm Day is highlighted.

4. Press the **Select** (left) soft key () or the **i** key. The current **Alarm Day** settings for the selected alarm appear in the display.
5. Use the navigation keys to highlight a day on which you want the alarm to sound, then press the **Select** (left) soft key () or the **i** key. A check mark appears in the selected day's checkbox.

Repeat this step as needed for each day you want the alarm to sound

Tip: When you select the Everyday option, check marks appear in all the week day checkboxes.

6. When you finish selecting Alarm Days, press the **OK** (right) soft key (). The **Alarm Time** screen displays.

7. Use the keypad to enter the time when the alarm is to sound. Press the **OK** (left) soft key () or the  key. If your phone is set to a 12-hour format, the following options appear in the display:
 - **AM** — Lets you indicate that the alarm time you entered is between Midnight and Noon (that is, 12:00 AM – 11:59 AM).
 - **PM** — Lets you indicate that the alarm time you entered is between Noon and Midnight (12:00 PM – 11:59 PM).
 If your phone is set to a 24-hour format, A message confirms that your alarm settings are saved.
8. Use the navigation keys to highlight **AM** or **PM**, then press the **Select** (left) soft key () or the  key. A message confirms that your alarm settings are saved.

Note: To stop the alarm when it rings, open the phone and press any key.

Setting an Alarm Tone

You can select the alarm tone that plays when the alarm rings and the volume at which the tone plays.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Alarm**. The following options appear in the display:
 - **Wake-up Call** — Lets you set the alarm to ring to wake you up at a specific time on a particular day(s).
 - **Alarm1** — Lets you set the primary alarm to ring at a specific time on a particular day(s).
 - **Alarm2** — Lets you set the secondary alarm to ring at a specific time on a particular day(s).
 - **Auto Power** — Lets you set the alarms to ring even when the phone is turned off.

Wake-up Call is highlighted.

2. Use the navigation keys to highlight the desired Alarm option, then press the **Select** (left) soft key () or the  key. The selected Alarm screen appears in the display showing the alarm time, alarm tone, and day(s) settings.
3. Press the **Options** (left) soft key () or the  key. The following options appear in the display:
 - **Alarm Day** — Lets you select the day or days the selected alarm will sound.
 - **Alarm Time** — Lets you select the time the selected alarm will sound.
 - **Alarm Tone** — Lets you select the sound of the selected alarm.
 - **Remove Alarm** — Lets you disable the selected alarm (that is, set the selected alarm to Off).

Alarm Day is highlighted.

4. Press  (for **Alarm Tone**) or use the navigation keys to highlight **Alarm Tone**, then press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Alarm1**
 - **Alarm2**
 - **Alarm3**

The currently set Alarm Tone is highlighted and begins playing.

5. Use the navigation keys to highlight the desired Alarm Tone option. The highlighted Alarm Tone begins playing.

6. Use the **Up** and **Down Volume** keys on the side of the phone to adjust the Alarm Tone volume.
7. Press the **Select** (left) soft key () or the **i** key to save your new settings. The selected Alarm screen appears in the display showing the alarm time, alarm tone, and day(s) settings.
8. Press the  key to return to the Idle screen.

Setting the Auto Power Option

You can set the phone to automatically turn itself on to ring an alarm, if the phone is switched off when the time is reached for the alarm to ring.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Alarm**. The following options appear in the display:
 - **Wake-up Call** — Lets you set the alarm to ring to wake you up at a specific time on a particular day(s).
 - **Alarm1** — Lets you set the primary alarm to ring at a specific time on a particular day(s).
 - **Alarm2** — Lets you set the secondary alarm to ring at a specific time on a particular day(s).
 - **Auto Power** — Lets you set the alarms to ring even when the phone is turned off.

2. Use the navigation keys to highlight the **Auto Power** option, then press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - **Off**
 - **On**
3. Use the navigation keys to highlight the **On** option, then press the **Select** (left) soft key () or the  key to activate the Autopower feature.

Your phone will automatically switch on to ring the alarm if the phone is off when the alarm time comes.

Note: If you select the **Off** option, and the phone is switched off at the time and alarm is to ring, the phone does not switch on and the alarm does not ring.

4. Press the  key to return to the Idle screen.

Deactivating Alarms

Each alarm (Wake-up Call, Alarm1, and Alarm2) has the **Remove Alarm** option. Selecting this option deactivates the alarm (that is, sets the alarm to **Off**).

Note: Selecting this option does not reset the other alarm options (**Alarm Time**, **Alarm Day**, and **Alarm Tone**).

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Alarm**. The following options appear in the display:
 - **Wake-up Call** — Lets you set the alarm to ring to wake you up at a specific time on a particular day(s).
 - **Alarm1** — Lets you set the primary alarm to ring at a specific time on a particular day(s).
 - **Alarm2** — Lets you set the secondary alarm to ring at a specific time on a particular day(s).
 - **Auto Power** — Lets you set the alarms to ring even when the phone is turned off.
2. Use the navigation keys to highlight the desired Alarm option, then press the **Select** (left) soft key () or the  key. The selected Alarm screen appears in the display.
3. Press the **Options** (left) soft key () or the  key. The following options appear in the display:
 - **Alarm Day** — Lets you select the day or days the selected alarm will sound.
 - **Alarm Time** — Lets you select the time the selected alarm will sound.
 - **Alarm Tone** — Lets you select the sound of the selected alarm.
 - **Remove Alarm** — Lets you disable the selected alarm (that is, set the selected alarm to Off).
4. Press  (for **Remove Alarm**) or use the navigation keys to highlight **Remove Alarm**, then press the **Select** (left) soft key () or the  key. You are prompted to confirm the alarm deletion.

5. To deactivate the selected alarm, press the **Yes** (left) soft key ().
To keep the selected alarm active, press the **No** (right) soft key ().
6. Press the  key to return to the Idle screen.

Organizer

Organizer is a suite of PIM (Personal Information Management) applications: Memo Pad, Calendar, and To Do List. You can use these applications to schedule events, set reminders, and create and maintain a “to do” list that organizes and tracks your activities. To access the Organizer, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Organizer**. The following applications appear in the display:
 - **New Memo** — Lets you enter a memo, that you can add to the Calendar (Scheduler), To Do List, or other reminder. You can also view your memos at any time.
 - **Calendar** — Lets you schedule events for any day by indicating each event's start and end time.
 - **To Do List** — Enter up to 25 tasks and set an alarm for each.
2. Use the navigation keys to highlight the desired application, then press the **Select** (left) soft key () or the  key.

The following sub-sections provide detailed descriptions of these applications and their functions.

Writing a New Memo

To create a memo, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **New Memo**. The **New Memo** text entry screen appears in the display.
2. Enter text for your new memo. See “Section 5: Entering Text” on page 61 for more information.
3. When you're finished entering text for the memo, press the **OK** (left) soft key (). The following **Save to** options appear in the display:
 - **Scheduler**
 - **To Do List**
 - **Call**
 - **Anniversary**
4. Use the navigation keys to highlight an option, then press the **Select** (left) soft key () or the  key. The calendar appears in the display with today's date highlighted.
5. Use the navigation keys to select a date, then press the **Select** (left) soft key () or the  key. The **Memo Time** screen appears in the display.
6. Use the keypad to enter the Memo Time, then press the **OK** (left) soft key () or the  key.

If your phone is set to a 12-hour format, the following options appear in the display:

- **AM** — Lets you indicate that the alarm time you entered is between Midnight and Noon (that is, 12:00 AM – 11:59 AM).

- **PM** — Lets you indicate that the alarm time you entered is between Noon and Midnight (12:00 PM – 11:59 PM).

If your phone is set to a 24-hour format, A message confirms that your alarm settings are saved.

7. Use the navigation keys to highlight **AM** or **PM**, then press the **Select** (left) soft key () or the  key. You are prompted to confirm the Memo Time setting.
8. To save the memo and set an alarm, press the **Yes** (left) soft key (). The **Alarm Time** screen appears in the display. Proceed to step 9.

To save the memo without an alarm, press the **No** (right) soft key (). The **Sceduler** screen appears in the display showing the saved memo without an alarm. (See “Using Memo Options” on page 186 for more information.) Proceed to step 12.
9. Use the keypad to enter the Alarm time, then press the **OK** (left) soft key () or the  key.
10. Use the navigation keys to highlight **AM** or **PM**, then press the **Select** (left) soft key () or the  key. The **Alarm Tone** screen appears in the display.
11. Use the navigation keys to highlight an alarm tone, then press the **Select** (left) soft key () or the  key. The **Sceduler** screen appears in the display showing the saved memo and alarm settings. (See “Using Memo Options” on page 186 for more information.)
12. To return to the Idle screen, press the  key.

Using Memo Options

You can access the following options by pressing the **Options** (left) soft key () in the View All / To Do List screen:

- **Add** — Lets you add a memo.
- **Delete** — Lets you delete a memo.
- **Edit** — Lets you change the text, time, and/or alarm settings for a memo.
- **Move** — Lets you move a memo to a different date.
- **Copy** — Lets you save a copy of a memo to the same or another date.

Using the Calendar

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **Calendar**. The calendar displays with today's date highlighted.
2. Use the navigation keys to highlight a date.

Or

Press the **Options** (right) soft key () and press the  key for **Go to Date**. Use the keypad to enter a specific date, then press the **OK** (left) soft key () or the  key. The calendar displays with the entered date highlighted.

3. Press the **Select** (left) soft key () or the  key.
If no memos are saved for the selected date, the **New Memo** text entry screen appears in the display.
If one or more memos are saved for the selected date, the most recent memo's information appears in the display. Press the **Options** (left) soft key () , then press  (for **Add**). The **New Memo** text entry screen appears in the display.
4. Create a new memo. See "Writing a New Memo" on page 184 for more information.
The background color for the selected date on the calendar changes to blue (today) or pink (not today) to indicate that a memo exists for that date.
5. To return to the Idle screen, press the  key.

Viewing Memos for a Selected Date

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) ,  (for **Organizer**) , and  for **Calendar**. The calendar displays with today's date highlighted.
2. Use the navigation keys to highlight a date.

Or

Press the **Options** (right) soft key () and press the  key for **Go to Date**. Use the keypad to enter a specific date, then press the **OK** (left) soft key () or the  key. The calendar displays with the entered date highlighted.

3. Press the **Select** (left) soft key () or the  key. The New Memo text entry screen appears in the display.

If there is more than one memo for that date, the latest memo appears in the display.

4. Use the **Left** and **Right** navigation keys to scroll to the previous or next memo.

If you want to create a new memo for that date, press the **Options** (left) soft key (). The following options appear in the display:

- **Add** — Lets you add a memo.
- **Delete** — Lets you delete a memo.
- **Edit** — Lets you change the text, time, and/or alarm settings for a memo.
- **Move** — Lets you move a memo to a different date.
- **Copy** — Lets you save a copy of a memo to the same or another date.

Add is highlighted.

5. Press the **Select** (left) soft key () or the  key. The **New Memo** text entry screen appears in the display.
6. Create a new memo. See “Writing a New Memo” on page 184 for more information.
7. When you have finished, press the  key.

Viewing All Memos on the Calendar

You can view all of the memos stored in the calendar, starting with the oldest, regardless of the date by doing the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **Calendar**. The calendar displays with today's date highlighted.
2. Press the **Options** (right) soft key (). The following options appear in the display:
 - **Add Memo** — Lets you add new memo.
 - **Go to Date** — Lets you go directly to a specified date. Enter the date using the keypad.
 - **View All** — Lets you view all memos in the calendar.
 - **Delete Day** — Lets you delete the memo(s) for that day.
 - **Delete All** — Lets you delete all memos in the calendar.

Add Memo is highlighted.

3. Use the navigation keys to highlight **View All**, then press the **Select** (left) soft key () or the  key. The latest memo appears in the display.
4. To scroll through the memos, press the **Left** or **Right** navigation key.
5. When you have finished, press the  key.

Deleting a Memo

You can delete memos on the calendar one by one or all at one time.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **Calendar**. The calendar displays with today's date highlighted.

2. Use the navigation keys to highlight a date.

Or

Press the **Options** (right) soft key () and press the  key for **Go to Date**. Use the keypad to enter a specific date, then press the **OK** (left) soft key () or the  key. The calendar displays with the entered date highlighted.

3. Press the **Select** (left) soft key () or the  key. The New Memo text entry screen appears in the display.

If there is more than one memo for that date, the latest memo appears in the display.

4. Use the **Left** and **Right** navigation keys to scroll to the previous or next memo.

If you want to create a new memo for that date, press the **Options** (left) soft key () . The following options appear in the display:

- **Add** — Lets you add a memo.
- **Delete** — Lets you delete a memo.
- **Edit** — Lets you change the text, time, and/or alarm settings for a memo.
- **Move** — Lets you move a memo to a different date.

- **Copy** — Lets you save a copy of a memo to the same or another date.

Add is highlighted.

5. Use the navigation keys to highlight **Delete**, then press the **Select** (left) soft key () or the  key. “Delete?” appears in the display.
6. Press the **Yes** soft key to confirm deletion. “Deleted” appears in the display and is replaced by the Calendar screen.
7. When you have finished, press the  key.

Deleting All Memos

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **Calendar**. The calendar displays with today's date highlighted.
2. Press the **Options** (right) soft key (). The following options appear in the display:
 - **Add Memo** — Lets you add new memo.
 - **Go to Date** — Lets you go directly to a specified date. Enter the date using the keypad.
 - **View All** — Lets you view all memos in the calendar.
 - **Delete Day** — Lets you delete the memo(s) for that day.
 - **Delete All** — Lets you delete all memos in the calendar.

Add Memo is highlighted.

3. Use the navigation keys to highlight **Delete Day** or **Delete All**, then press the **Select** (left) soft key () or the  key. “Delete?” appears in the display.

4. Press the **Yes** soft key to confirm deletion. “Deleted” appears in the display and is replaced by the Calendar screen.
5. When you have finished, press the  key.

Using the To Do List

The To Do List lets you do the following:

- Create memos of tasks to be done.
- Assign a deadline to each task memo.
- Set reminder alarms for individual task memos.

Creating a New Task

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **To Do List**. The **New Memo** text input screen appears in the display.
2. Enter text describing a task in your new memo. See “Section 5: Entering Text” on page 61 for more information.
3. When you’re finished entering task details in the memo, press the **OK** (left) soft key (). The **Calendar** screen appears in the display.
4. Use the navigation keys to highlight a date for the task, then press the **Select** (left) soft key () or the  key. The **Memo Time** screen appears in the display.
5. Use the keypad to enter the time for the task, then press the **OK** (left) soft key () or the  key.

If your phone is set to a 12-hour format, the following options appear in the display:

- **AM** — Lets you indicate that the alarm time you entered is between Midnight and Noon (that is, 12:00 AM – 11:59 AM).
- **PM** — Lets you indicate that the alarm time you entered is between Noon and Midnight (12:00 PM – 11:59 PM).

If your phone is set to a 24-hour format, A message confirms that your task time settings are saved.

6. Use the navigation keys to highlight **AM** or **PM**, then press the **Select** (left) soft key (⏏) or the **Enter** key. “**Set Alarm?**” appears in the display.
7. To set an alarm for the task, press the **Yes** (left) soft key (⏏). The **Alarm Time** screen appears in the display.
To save the task memo without an alarm, press the **No** (right) soft key (⏏).
8. Use the keypad to enter the time for the reminder alarm, then press the **OK** (left) soft key (⏏) or the **Enter** key.

If your phone is set to a 12-hour format, the following options appear in the display:

- **AM** — Lets you indicate that the alarm time you entered is between Midnight and Noon (that is, 12:00 AM – 11:59 AM).
- **PM** — Lets you indicate that the alarm time you entered is between Noon and Midnight (12:00 PM – 11:59 PM).

If your phone is set to a 24-hour format, A message confirms that your alarm settings are saved.

9. Use the navigation keys to highlight **AM** or **PM**, then press the **Select** (left) soft key () or the  key. The following **Alarm Tone** options appear in the display:
 - Alarm1
 - Alarm2
 - Alarm3
10. Use the navigation keys to scroll through the alarm tones and highlight the desired tone, then press the **Select** (left) soft key () or the  key.

Note: Each tone plays when you highlight it.

The **To Do List** screen appears in the display showing the information you have just entered for your new task.

11. When you have finished, press the  key.

Adding Tasks to the To Do List

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **To Do List**. A list of tasks appears in the display.
2. Use the navigation keys to highlight a task, then press the **Select** (left) soft key () or the  key. Information for the selected task appears in the display.
3. Press the **Options** soft key and select **Add**. Continue using steps in “Creating a New Task” on page 192.

Viewing the To Do List Tasks

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Organizer**), and  for **To Do List**. A list of tasks appears in the display.
2. Use the navigation keys to highlight a task, then press the **Select** (left) soft key () or the  key. Information for the selected task appears in the display.
3. To scroll through the tasks, use the **Right** and **Left** navigation keys, as needed.
4. When you have finished, press the  key.

Using To Do List Options

You can access the following options by pressing the **Options** soft key

- **Add** — Lets you add a new task
- **Mark** — Lets you change the status of a task. Select appropriate status (**Done** or **Undo**)
- **Edit** — Lets you edit a task.
- **Move** — Lets you move a task.
- **Copy** — Lets you copy a task.
- **Delete** — Lets you delete a task.
- **Delete All** — Lets you delete all tasks.

Calculator

You can use your phone as a calculator. The **Calculator** application lets you use basic arithmetic functions (that is, addition, subtraction, multiplication, and division) on your phone.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Calculator**. The **Calculator** screen appears in the display.
2. Enter the first number in your equation using the keypad.
 - Press the  to enter a decimal point
 - Press the  to set the type of calculation you that you wish to perform. Your choices are as follows:
 - [+] Addition
 - [-] Subtraction
 - [*] Multiplication
 - [/] Division
 - [%] Percentage
 - [(] Open Parenthesis
 - [)] Closed Parenthesis
3. Use the keypad to enter the second number into your equation.
4. Press the **Equal** (left) soft key () or the  key to perform the operation and view your results in the **Answer** field of the **Calculator** screen.
5. Repeat steps 2 through 4 as many times as required.
6. When you have finished, press the  key.

Record Audio

The Record Audio application lets you record voice (audio) memos.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Record Audio**), and  for **Record**. The Record screen appears in the display with the following icons at the bottom of the display with the  icon highlighted in red:



2. Press the **Select** (left) soft key () or the  key to start recording. Begin speaking into the microphone. The following icons appear at the bottom of the display:



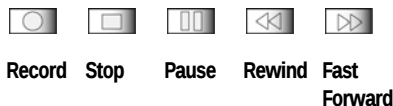
3. To stop the recording, press the **Select** (left) soft key () or the  key. The audio is automatically saved and the following icons appear at the bottom of the display with the  play icon highlighted in red:



To pause the recording, use the navigation keys to highlight the  icon, then press the **Select** (left) soft key () or the **i** key. The following icons appear at the bottom of the display, with the  icon highlighted (resume the recording by pressing the **Select** (left) soft key () or the **i** key):



4. Press the **Select** (left) soft key () or the **i** key to play recording. During playback the following playback options are available.



5. Press the **Options** (left) soft key () or the **i** key to display the following
 - **Send** — Lets you send the recorded audio to other people by using the MMS feature. For details about sending a multimedia message, see "Creating and Sending a Multimedia Message" on page 110
 - **Rename** — Lets you rename the recording.
 - **Delete** — Lets you delete the recording.
 - **Properties** — Displays detailed information about the recorded audio message such as name, size and format.
6. When you have finished, press the  key.

Reviewing a Recorded Audio

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Record Audio**), and  for **Recorded Audio**. A list of recorded audios appears in the display.
2. Use the navigation keys to highlight the desired audio file, then press the **Select** (left) soft key () or the  key. The audio screen appears in the display and the selected audio file begins to play.
3. Press the **Options** soft key to display the following.
 - **Send** — Lets you send the recorded audio to other people by using the MMS feature. For details about sending a multimedia message, see "Creating and Sending a Multimedia Message" on page 110.
 - **Rename** — Lets you rename the recording.
 - **Delete** — Lets you delete the recording.
 - **Properties** — Displays detailed information about the recorded audio message such as name, size and format.
4. When you have finished, press the  key.

Deleting Recorded Audio Files

You can delete your recorded audios one by one or all at one time.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Record Audio**), and  for **Recorded Audio**. A list of recorded audios appears in the display.

2. Use the navigation keys to highlight the desired audio file, then press the **Select** (left) soft key () or the  key. The audio screen appears in the display and the selected audio file begins to play.
3. Press the **Options** soft key to display the following.
 - **Send** — Lets you send the recorded audio to other people by using the MMS feature. For details about sending a multimedia message, see “Creating and Sending a Multimedia Message” on page 110.
 - **Rename** — Lets you rename the recording.
 - **Delete** — Lets you delete the recording.
 - **Properties** — Displays detailed information about the recorded audio message such as name, size and format.
4. Use the navigation keys to highlight **Delete**, then press the **Select** (left) soft key () or the  key. You are prompted to confirm the deletion.
5. Press the **Yes** (left) soft key () or the  key to confirm deletion.
6. When you have finished, press the  key.

Delete All Recorded Audios

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Record Audio**), and  for **Delete All**. “Delete?” appears in the display.
2. Press the **Yes** (left) soft key () or the  key to confirm **Delete All**. “Deleted” appears in the display.
3. When you have finished, press the  key.

Changing Record Audio Settings

You can change the default settings for using Record Audio.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Record Audio**), and  for **Settings**. The following options appear in the display:
 - **Recording Time** — Lets you set recording time to **Normal** or **Limit Size(for Multimedia Message)**.
 - **Volume** — Lets you set the sound volume. Use the volume keys to adjust the sound volume, then press the Yes (left) soft key () or the  key to save the setting.
 - **Default Name** — Lets you set a default name for all recorded audio files.

Recording Time is highlighted.

2. Use the navigation keys to highlight the desired setting, then press the **Select** (left) soft key () or the  key.
3. When you have finished, press the  key.

Checking Memory Status

You can check the amount of memory being used and the memory remaining for voice memos. The display shows you the total, used, and free memory.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**),  (for **Record Audio**), and  for **Memory Status**.

The **Memory Status** screen appears in the display showing the Total, Used and Free memory amount for Downloaded Ringtones, Graphics, and Recorded Audio.

- When you have finished, press the  key.

Unit Conversion

You can use the phone as a unit converter. The unit converter provides basic conversion functions: length, weight, volume, area, and temperature.

- In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Unit Conversion**. The following options appear in the display:
 - **Length**
 - **Weight**
 - **Volume**
 - **Area**
 - **Temperature**
- Use the navigation keys to highlight a conversion option, then press the **Select** (left) soft key () or the  key. The appropriate conversion screen appears in the display.
- Enter the amount to convert.
- Use the navigation keys to select the **From** and **To** conversion methods, then press the **OK** (left) soft key () or the  key.
Your converted value appears in the **Answer** field.
- When you have finished, press the  key.

Timer

Timer lets you view the amount of time between the current day and any event that you wish to schedule.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Timer**. The **Timer** screen appears in the display.
2. Press the **Set** (right) soft key (). The **Set Timer** screen appears in the display.
3. Using the keypad enter the time, then press the **OK** (left) soft key ().
4. Press the **Start** (left) soft key () to start timer. Press the **Stop** (left) soft key () to stop timer.

Stopwatch

You can use this application as a stopwatch and as a lap timer.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **Stopwatch**. The **Stopwatch** screen appears in the display.
 - To start the stopwatch, press the **OK** (left) soft key ().
 - To record the elapsed time for the first (or only) event, press the **OK** (left) soft key ().
 - To record the elapsed times at the ends of succeeding laps/ events (up to four laps/events), press the **OK** (left) soft key () at the end of each lap/event.
 - To erase all recorded elapsed times, press the **Reset** (right) soft key ().

World Time

World Time lets you view the current time of day or night in any part of the world, and lets you select your local time zone.

Viewing Time in Other Parts of the World

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **World Time**.

The World Time screen containing a world map appears in the display. A vertical line indicates your local time zone.

Note: If the indicated time zone is NOT your local time zone, you should correctly set your phone's local time zone. See "Setting Local Time" on page 205 for more information.

2. Use the navigation keys to select the city (or cities) whose day, date, and time you wish to view. The following cities are supported:
 - **Chicago**
 - **New York**
 - **Caracas**
 - **Rio**
 - **GMT** (Greenwich Mean Time)
 - **London**
 - **Paris**
 - **Cairo**
 - **Moscow**
 - **Dubai**
 - **Karachi**

- Delhi
- Dacca
- Bangkok
- Beijing/H.K. (Hong Kong)
- Seoul
- Sydney
- Noumea
- Wellington
- Honolulu
- Anchorage
- L.A.
- Denver

The selected city's current day, time, and date appear below the world map.

Setting Local Time

World Time lets you set your time zone using an interactive map.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **World Time**. The World Time screen containing a world map appears in the display.
2. Use the navigation keys to move the vertical cursor line until the name of a major city in your time zone appears beneath the map. The current city's date and time appear beneath the map, as when viewing world times. (See "Viewing Time in Other Parts of the World" on page 204 for more information.)

3. Press the **Set** (left) soft key (). The following options appear in the display:

- **Set Local**
- **Set DST**

Set Local is highlighted.

4. Press the **Select** (left) soft key () or the  key. “**Changed**” appears in the display to confirm your selection.

Enabling Daylight Savings Time (DST)

If Daylight Savings Time (DST) applies in your local time zone, do the following:

1. In Idle mode, press the **Menu** (left) soft key (), then press  (for **Applications**) and  for **World Time**. The World Time screen containing a world map appears in the display.
2. Press the **Set** (left) soft key (). The following options appear in the display:
 - **Set Local** — Sets the selected time zone as your local time zone.
 - **Set DST** — Sets your phone to automatically display DST when applicable.
 - **Remove DST** — Sets your phone to not display DST.

Set Local is highlighted.

Note: If **Remove DST** appears in your display, DST is already enabled on your phone.

3. To enable DST, use the navigation keys to highlight **Set DST**, then press the **Select** (left) soft key () or the  key.

“**Changed**” appears in the display to confirm your selection, then the World Time screen reappears in your display.

Your phone’s clock will now automatically adjust the current time for DST.

Disabling Daylight Savings Time (DST)

If Daylight Savings Time (DST) does not apply in your local time zone, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Applications**) and  for **World Time**. The World Time screen containing a world map appears in the display.
2. Press the **Set** (left) soft key (). The following options appear in the display:
 - **Set Local** — Sets the selected time zone as your local time zone.
 - **Set DST** — Sets your phone to automatically display DST when applicable.
 - **Remove DST** — Sets your phone to not display DST.

Set Local is highlighted.

Note: If **Set DST** appears in your display, DST is already disabled on your phone.

3. To disable DST, use the navigation keys to highlight **Remove DST**, then press the **Select** (left) soft key () or the  key.

“**Changed**” appears in the display to confirm your selection, then the World Time screen reappears in your display.

Your phone's clock will now not adjust the current time for DST.



Section 10: My Browser

Topics Covered

- My Browser Main Menu
 - Downloaded Graphics
 - Audio Files
 - Delete Files
 - Memory Status
-

Your phone's My Browser feature is a WAP (Wireless Application Protocol) browser that you can use to access Wireless Web sites formatted for mobile phones. This section explains how to access your wireless provider's Wireless Web services and how to navigate My Browser.

My Browser Main Menu

To open the **My Browser** main menu, do the following:

1. In Idle mode, press the **Left** navigation key. The following sub-menus appear in the display:
 - **My Browser** — Opens the My Browser sub-menu.
 - **Downloaded Graphics** — Lists graphics files downloaded to your phone.
 - **Audio** — Lets you download and/or record audio files.
 - **Delete** — Lets you delete graphics and audio files.
 - **Memory Status** — Shows the amounts of your phone's memory used to store ringtones, graphics, and audio files and the amounts of unused memory remaining.
2. Use the navigation keys to highlight the desired sub-menu, then press the **Select** (left) soft key () or the  key. The selected sub-menu appears in the display.

The following sub-sections describe the uses of the My Browser sub-menus.

My Browser Sub-Menu

The **My Browser** sub-menu lets you use My Browser to access the Wireless Web and to manage your browser access settings and temporary storage (cache memory).

1. In Idle mode, press the **Left** navigation key, then press  for **My Browser**. The following options appear in the display:
 - **Home** — Launches My Browser with your wireless provider's home page showing.
 - **Favorites** — List of options that launch My Browser with selected Wireless Web sites.

- **Go to URL** — Lets you use My Browser to access a particular Wireless Web address.
 - **Browser Profiles** — Lets you view and change My Browser network access settings.
 - **Clear Cache** — Lets you erase leftover Wireless Web data from My Browser's cache memory.
2. Use the navigation keys to highlight the desired option, then press the  key. The selected option list appears in the display.

The following sub-sections describe the uses of the My Browser options.

Launching My Browser

1. In Idle mode, to launch My Browser, do one of the following:
 - Press the  key.
 - Press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**), and  for **Home**.
 - Press the **Menu** (left) soft key () , then press  (for **Internet**).

Your phone is connected to the network and loads the homepage of your Wireless Web service provider. The content of the start-up homepage depends on your Wireless Web service provider.

2. To scroll through the screen, use the **Up** and **Down** navigation keys.
3. To exit the browser at any time, simply press the  key.

Navigating My Browser

1. To scroll through browser items, use the navigation keys.
2. To select a browser item, press the **Select** (left) soft key (⏏) or the **i** key.
3. To select a numbered item, press the corresponding numeric key.
4. To return to a previous page, press the ⏏ key, or press the **Back** (left) soft key (⏏).
5. To return to the start-up homepage, press and hold the ⏏ key for more than two seconds.

Entering Text in My Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. To change the text input mode, press the right soft key. The following modes appear in the display:

- **word** — Lets you enter characters by pressing one key per letter. In this mode, you can use only the **0** key to display alternative words. To change case, press the ***** key.
- **Sym** — Lets you enter special symbols by selecting the symbol.
- **123** — Lets you enter numbers.
- **abc** — Lets you enter specific text characters using multiple key presses. To change case, press the ***** key.

Using Favorites

My Browser includes a **Favorites** sub-menu, which provides five preset Web addresses and 15 empty locations where you can store the Web addresses for your favorite Web sites.

Accessing a Favorite Web Site

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**), and  for **Favorites**. The **Favorites** screen appears in the display.
2. Use the navigation keys to highlight a Favorites option, then press the **Select** (left) soft key () or the  key. The following options appear in the display:
 - Go
 - Edit
 - Delete
 The **Go** option is highlighted.

3. Press the **Select** (left) soft key () or the  key. The corresponding Web page appears in the display.

Creating a Favorite

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**), and  for **Favorites**. The **Favorites** screen appears in the display.
2. Use the navigation keys to highlight an **Empty** location, then press the **Select** (left) soft key () or the  key. The **Enter URL** screen appears in the display.
3. Enter the desired Web site address [or Universal Resource Locator (URL)] using the keypad.
See “Section 5: Entering Text” on page 61 for information on entering text.
4. Press the **OK** (left) soft key () or the  key. The **Enter Name** screen appears in the display.

5. Enter a name for the new Favorite and press the **OK** (left) soft key () or the **i** key. The **Favorite** sub-menu appears in the screen with your new favorite highlighted.
6. When you have finished, press the  key.

Editing a Favorite

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**), and  for **Favorites**. The **Favorites** screen appears in the display.
2. Use the navigation keys to highlight a Favorites option, then press the **Select** (left) soft key () or the **i** key. The following options appear in the display:
 - **Go**
 - **Edit**
 - **Delete**

The **Go** option is highlighted.

3. Use the navigation keys to highlight the **Edit** option, then press the **Select** (left) soft key () or the **i** key. The **Enter URL** screen (containing the current favorite web site address) appears in the display.
4. Change the address as needed.
See “Section 5: Entering Text” on page 61 for more information on entering text.
5. Press the **OK** (left) soft key () or the **i** key. The **Enter Name** screen appears in the display.

6. Change the name for the Favorite as needed and press the **OK** (left) soft key () or the **i** key. The **Favorite** sub-menu appears in the screen with your new or updated favorite highlighted.
7. When you have finished, press the  key.

Deleting a Favorite

1. In idle mode, press the **Menu** (left) soft key (), then press  (for **My Browser**),  (for **My Browser**), and  for **Favorites**. The **Favorites** screen appears in the display.
2. Use the navigation keys to highlight a Favorites option, then press the **Select** (left) soft key () or the **i** key. The following options appear in the display:
 - **Go**
 - **Edit**
 - **Delete**
 The **Go** option is highlighted.
3. Use the navigation keys to highlight the **Delete** option, then press the **Select** (left) soft key () or the **i** key. “Delete?” appears in the display.
4. Press the **Yes** (left) soft key () or the **i** key to confirm the deletion.
5. When you have finished, press the  key.

Go to URL

Go to URL lets you access a Wireless Web site by entering it's address using the keypad.

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**), and  for **Go to URL**. The **Enter URL** text entry screen appears in the display.
2. Enter the desired Web site address [or Universal Resource Locator (URL)] using the keypad.
See "Section 5: Entering Text" on page 61 for information on entering text.
3. Press the **OK** (left) soft key () or the  key. The corresponding Web page appears in the display.

Browser Profiles

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**), and  for **Browser Profiles**. The following options appear in the display:
 - **Current Profile** — Lets you select one of five My Browser profiles to be the current (active) profile.
 - **Profile Settings** — Lets you setup and maintain up to five My Browser profiles.
2. Use the navigation keys to highlight the desired option, then press the  key.

The following sub-sections describe how to use the Browser Profiles options.

Selecting a My Browser Profile

To select (activate) a My Browser profile, do the following:

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**),  (for **Browser Profiles**), and  for **Current Profile**. The following options appear in the display:
 - **Profile 1**
 - **Profile 2**
 - **Profile 3**
 - **Profile 4**
 - **Profile 5**
2. Use the navigation keys to highlight the My Browser profile you wish to activate, then press the **Select** (left) soft key () or the  key.

The **Browser Profiles** sub-menu appears in the display indicating your selected profile as the Current Profile.

Changing My Browser Profiles

You can setup and maintain up to five profiles for My Browser.

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  (for **My Browser**),  (for **Browser Profiles**), and  for **Profile Settings**. The following options appear in the display:
 - **Profile 1**
 - **Profile 2**
 - **Profile 3**
 - **Profile 4**
 - **Profile 5**
2. Use the navigation keys to highlight the profile you want to change and press the **Select** (left) soft key () or the the  key. For each profile, the following options appear in the display:
 - **Profile Name** — Enter a name that you wish to assign to the HTTP proxy server.
 - **Home URL** — Set the address of your startup homepage. When the default homepage displays, you can delete it using the  key and enter your own choice.
 - **Bearer** — Select the bearer to be used for each type of network address accessed: **GPRS First**, **GPRS Only**, or **GSM Only**.
 - **Proxy Use** — Lets you **Enable** or **Disable** use of a proxy while accessing Wireless Web sites.
 - **GPRS Setting** — Lets you enter Internet access settings used when **Bearer** is set to **GPRS First** or **GPRS Only**.
 - **GSM Setting** — Lets you enter Internet access settings used when **Bearer** is set to **GPRS First** or **GSM**.

GPRS Setting

- **Proxy Address** — Enter the WAP gateway address required to connect to the Internet.
- **Proxy Port** — Enter the logical proxy port number used to connect to the Internet.
- **APN** — Enter the access point name used for the address of the GPRS network gateway.
- **Login ID** — Enter the User Identifier (ID) required to connect to the GPRS network.
- **Password** — Enter the password required to connect to the GPRS network.

GSM Setting

- **Proxy Address** — Enter the WAP gateway address required to connect to the Internet.
- **Proxy Port** — Enter the logical proxy port number used to connect to the Internet.
- **Dial Number** — Enter the PPP server phone number.
- **Login ID** — Enter the PPP server login ID.
- **Password** — Enter the PPP server password.
- **Data Call Type** — select a data call type: **Analog** or **ISDN**.

Note: The Browser Profile settings may vary depending on your Wireless Provider.

Clearing Cache Memory

The cache is My Browser's temporary memory in which the most recently accessed Web pages are stored. You can clear the cache at anytime.

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**),  for **My Browser**, and  for **Clear Cache**. "Sure to Clear?" appears in the display.
2. Press the **Yes** (left) soft key () or the  key to confirm the deletion.
3. When you have finished, press the  key.

Downloaded Graphics

You can buy a variety of image files, and then use My Browser to download them to your phone's memory for inclusion in messages, Contacts entries, and as wall paper in your phone's display. The **Downloaded Graphics** sub-menu lets you review and manage your image files.

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**), then press  for **Downloaded Graphics**. A list of available downloaded graphics files appears in the display.
2. Use the navigation keys to highlight the desired graphics file, then press the **View** (left) soft key () or the  key. The selected image appears in the display.
3. Press the **Options** (left) soft key () or the  key. The following options appear in the display:

- **Send** — Lets you send the selected graphics file to someone else as part of a message.
 - **Rename** — Lets you edit name of the selected graphics file.
 - **Delete** — Lets you erase the selected graphics file.
 - **Set as Wallpaper** — Lets you set the selected image to appear in the background of the idle mode screen.
 - **Properties** — Shows the Name, Size, Resolution, and Copyright information about the selected graphics file.
4. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key.
 5. Respond as needed to any additional screens or prompts to complete the selected option's function.

Audio Files

You can buy a variety of audio files, such as ringtones, and so on, and then use My browser to download them to your phone's memory. The **Audio** sub-menu lets you manage your downloaded audio files and lets you record new audio files yourself.

Downloaded Ringtones

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**) and  for **Audio**. The following options appear in the display:
 - **Downloaded Ringtones** — Lets you access ringtone files stored on your phone.
 - **Record Audio** — Lets you record, review, and store new audio files on your phone.
 - **Recorded Audio** — Lets you access audio files you have recorded and stored on your phone.

The **Downloaded Ringtones** option is highlighted.

2. Press the **Select** (left) soft key () or the  key. A list of ringtone files appears in the display, and the first ringtone is highlighted and begins playing.
3. Press the **Options** (left) soft key () or the  key. The following options appear in the display:
 - **Send** — Lets you send the selected ringtone file to someone else as part of a message.
 - **Rename** — Lets you edit the name of the selected ringtone file.
 - **Delete** — Lets you erase the selected ringtone file.
 - **Set as Ringtone** — Lets you set the selected ringtone to play on your phone to indicate incoming calls.
 - **Properties** — Shows the Name, Size, Format, and Copyright information about the selected ringtone file.
4. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key.
5. Respond as needed to any additional screens or prompts to complete the selected option's function.

Record Audio

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**) and  for **Audio**. The following options appear in the display:
 - **Downloaded Ringtones** — Lets you access ringtone files stored on your phone.
 - **Record Audio** — Lets you record, review, and store new audio files on your phone.
 - **Recorded Audio** — Lets you access audio files you have recorded and stored on your phone.

The **Downloaded Ringtones** option is highlighted.

2. Use the navigation keys to highlight **Record Audio**, then press the **Select** (left) soft key () or the  key. The **Record** screen appears in the display with the Record key highlighted.
 - To begin recording, press the **Select** (left) soft key () or the  key. Recording begins, and the Pause and Stop keys become highlighted, with a red underline beneath the Stop key.
 - To pause recording, use the navigation keys to underline the Pause key, then press the **Select** (left) soft key () or the  key. Recording pauses, and the Record and Stop keys become highlighted, with a red underline beneath the Record key.
 - To stop recording, use the navigation keys to underline the Stop key, then press the **Select** (left) soft key () or the  key. "Saved" appears momentarily in the display and is replaced by the recorded file play screen with the Play button highlighted.
3. To access the options available at the Play screen, press the **Options** (right) soft key (). The following options appear in the display:
 - **Send** — Lets you send the selected audio file to someone else as part of a message.
 - **Rename** — Lets you edit the name of the selected audio file.
 - **Delete** — Lets you erase the selected audio file.
 - **Properties** — Shows the Name, Size, and Format of the selected audio file.
4. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key.
5. Respond as needed to any additional screens or prompts to complete the selected option's function.

Recorded Audio

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**) and  for **Audio**. The following options appear in the display:

- **Downloaded Ringtones** — Lets you access ringtone files stored on your phone.
- **Record Audio** — Lets you record, review, and store new audio files on your phone.
- **Recorded Audio** — Lets you access audio files you have recorded and stored on your phone.

The **Downloaded Ringtones** option is highlighted.

2. Use the navigation keys to highlight **Recorded Audio**, then press the **Select** (left) soft key () or the  key. A list of audio files appears in the display.
3. Use the navigation keys to highlight the desired audio file, then press the **Select** (left) soft key () or the  key. The audio file Play screen appears in the display, and the audio file begins playing. The Stop, Pause, Fast Forward, and Reverse keys become highlighted with the Stop key underlined.

To control, stop, or restart playing of the audio file, use the navigations keys to move the underline to the appropriate highlighted key, then press the **Select** (left) soft key () or the  key.

4. To access the options available at the Play screen, press the **Options** (right) soft key (). The following options appear in the display:
 - **Send** — Lets you send the selected audio file to someone else as part of a message.

- **Rename** — Lets you edit the name of the selected audio file.
 - **Delete** — Lets you erase the selected audio file.
 - **Properties** — Shows the Name, Size, and Format of the selected graphics file.
5. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key.
 6. Respond as needed to any additional screens or prompts to complete the selected option's function.

Delete Files

The **Delete** sub-menu lets you delete all downloaded graphics files or all downloaded ringtone files and/or recorded audio files.

Deleting Downloaded Graphics Files

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**) and  for **Delete**. The following options appear in the display:
 - **Downloaded Graphics** — Lets you delete graphics files stored on your phone.
 - **Audio** — Lets you delete audio files stored on your phone.
 The **Downloaded Graphics** option is highlighted.
2. Press the **Select** (left) soft key () or the  key. "Delete?" appears in the display.
3. Press the **Yes** (left) soft key () or the  key to confirm the deletion of all downloaded graphics files currently stored on your phone.

Deleting Audio Files

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**) and  for **Delete**. The following options appear in the display:

- **Downloaded Graphics** — Lets you delete graphics files stored on your phone.
- **Audio** — Lets you delete audio files stored on your phone.

The **Downloaded Graphics** option is highlighted.

2. Use the navigation keys to highlight the **Audio** option, then press the **Select** (left) soft key () or the  key. The following options appear in the display:

- **All** — Lets you delete all downloaded ringtone files and recorded audio files stored on your phone.
- **Downloaded Ringtones** — Lets you delete all downloaded ringtone files stored on your phone.
- **Recorded Audio** — Lets you delete all recorded audio files stored on your phone.

The **All** option is highlighted.

3. Use the navigation keys to highlight the desired option, then press the **Select** (left) soft key () or the  key. A check mark appears in the box to the left of the selected option.

Note: When you select the **All** option, check marks appear in the boxes to the left of all of the listed options.

Tip: To unselect an option, use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the  key. The check mark disappears from that option.

4. Press the **OK** (right) soft key () . “Delete?” appears in the display.
5. Press the **Yes** (left) soft key () or the **i** key to confirm the deletion of all selected audio files currently stored on your phone.

Memory Status

The **Memory Status** option lets you review your use of available My Browser memory and shows you how much memory remains available.

1. In idle mode, press the **Menu** (left) soft key () , then press  (for **My Browser**) and  for **Memory Status**. The **Memory Status** screen appears in the display showing the amount of My Browser memory currently in use and the amount of memory available. My Browser memory usage is detailed, showing how much memory is being used to store, Downloaded Ringtones, Downloaded Graphics, and Recorded Audio files.

Section 11: Games

Topics Covered

- Games Menu
 - Downloading Games
 - My Games
 - Settings
 - Memory Status
-

This section details your phone's abilities to download and play games.

Games Menu

To access the **Games** menu, do the following:

1. In Idle mode, press the **Menu** (left) soft key () , then press  for **Games**. The following options appear in the display:
 - **Download Games** — Lets you seek, purchase, and download game applications to your phone using My Browser.
 - **My Games** — Lets you play and manage games stored on your phone.
 - **Settings** — Lets you enter or change the profile used to access your Service Provider's network.
 - **Memory Status** — Lets you view the amount of phone memory used and available to store games.
2. Press the number key associated with your choice or use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the  key.

Downloading Games

Your phone is equipped with My Browser, a WAP (Wireless Application Protocol) browser that lets you access and navigate the Wireless Web using your phone. (For more information, see “Section 10: My Browser” on page 209.) You can use My Browser to download Java-based games and store them in your phone.

Note: Java services may not be available, depending on your service plan and phone model.

To browse the Wireless Web for games, do the following:

- In Idle mode, press the **Menu** (left) soft key () , then press  (for **Games**) and  for **Download Games**.
Your Service Provider's menu appears in the display.

Note: Contact your Service Provider for details on how to shop for, purchase, and download games.

My Games

The **My Games** menu lists the games currently stored on your phone. Any games you download using the **Shop Games** option are added to the list.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Games**), and  for **My Games**. A list of available games appears in the display.
2. Use the navigation keys to highlight the desired game.
3. Press the **Options** (left) soft key (). The following options appear in the display:
 - **Launch** — Starts the selected game.
 - **Delete** — Deletes the selected game from your phone. (You are prompted to confirm the deletion.)
 - **Properties** — Lets you view specifications for the selected game [such as, game size (in KB), version number, and vendor name].
4. Use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the  key.
5. Press the  key repeatedly to return to the Idle screen.

Settings

You can customize the profile settings used for connecting your phone and the WAP browser to the network.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Games**) and  for **Settings**. The following options appear in the display:
 - **APN** — Lets you enter the Access Point Name used for the address of the network.
 - **Login ID** — Lets you enter the user identification code required to connect to the network.
 - **Password** — Lets you enter the password required to connect to the network.
 - **DNS Settings** — Lets you enter the DNS (Domain Name System) address for the network.
2. Use the navigation keys to highlight the desired option and press the **Select** (left) soft key () or the  key. The selected data entry screen appears in the display.
3. Use the keypad keys to enter or change the required information and press the **OK** (left) soft key () or the  key. See “Section 5: Entering Text” on page 61 for more information.
4. Press the  key repeatedly to return to the Idle screen.

Memory Status

You can check the amount of memory being used and memory remaining to store games.

1. In Idle mode, press the **Menu** (left) soft key () , then press  (for **Games**) and  for **Memory Status**.
The Memory screen appears in the display.
2. Press the  (right) soft key () to return to the **Games** menu.
3. Press the  key to return to the Idle screen.

Section 12: Health and Safety Information

Topics Covered

- Health and Safety Information
-

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

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram ($1.6 W/kg$). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all

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

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 1.5 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

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

- Head: 1.4 W/Kg.
- Body-worn: 1.42 W/Kg.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone,

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

Consumer Information on Wireless Phones

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

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called “cell,” “mobile,” or “PCS” phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called “cordless phones,” which have a

base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

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

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

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is

hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

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

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

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

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

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

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission

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

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know

with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of

wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

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

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

What about children using wireless phones?

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

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

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

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

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

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and

many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

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

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
<http://www.osha-slc.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/emfpg.html>
- World Health Organization (WHO):
<http://www.who.int/peh-emf/>

- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- National Radiation Protection Board (UK):
<http://www.nrpb.org.uk>
- Updated 4/3/2002: US food and Drug Administration
<http://www.fda.gov/cellphones>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.

4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a “to do” list or flipping through your PhoneBook takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

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

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

Provided by the Cellular Telecommunications & Internet Association

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

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

Using Your Phone Near Other Electronic Devices

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

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing Aid Compatibility with Mobile Phones

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

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

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

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

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better / higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

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

Vehicles

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

Posted Facilities

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

Potentially Explosive Environments

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

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio

equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

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

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

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

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.

3. Press the key.

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

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

Restricting Children's access to your Phone

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

FCC Notice and Cautions

FCC Notice

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

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

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

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

Other Important Safety Information

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

- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

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

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

Understanding the Power Save Feature

If your phone is unable to find a signal after 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.

Maintaining Your Phone's Peak Performance

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

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

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

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and /or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature,

features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about

whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.

- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 13: Warranty Information

Topics Covered

- Standard Limited Warranty
-

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG

TELECOMMUNICATIONS AMERICA, L.P. (“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	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in

conjunction with accessories, products, or ancillary / peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace

Product with a rebuilt, reconditioned or new Product. Repaired / replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired / replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- "THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- "WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- "DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- "THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- "COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES / PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES / PROVINCES DO NOT

ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE / PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE,

INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

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

Samsung Telecommunications America, L.P.

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

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

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