

QUADBAND Series SGH-x507 Portable Digital Telephone User Manual

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



Printed in Korea
Code No.: GH68-09409A
English 03/2006. Rev. F2

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating thereto (the "Phone System"), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

©2006 Samsung Electronics Canada, Inc.. SAMSUNG is a registered trademark of Samsung Electronics Co., Ltd. and its related entities.

Table of Contents

| | |
|--|-----------|
| Important Safety Precautions | 1 |
| Your Phone | 3 |
| Phone Layout | 3 |
| Display | 6 |
| Getting Started | 9 |
| Installing the SIM Card | 9 |
| Charging the Battery | 11 |
| Switching the Phone On or Off | 13 |
| Call Functions | 14 |
| Making a Call | 14 |
| Adjusting the Volume | 16 |
| Answering a Call | 16 |
| Viewing Missed Calls | 17 |
| Quickly Switching to Quiet Mode | 18 |
| Selecting Functions and Options | 19 |
| Options During a Call | 21 |
| Putting a Call on Hold | 21 |
| Using the Menu Functions | 21 |
| Switching the Microphone Off (Mute) | 22 |
| Muting or Sending Key Tones | 23 |
| Sending a Sequence of DTMF Tones | 23 |
| Searching for a Number in the Phone Book | 23 |
| Using Text Messages | 24 |
| Call Waiting | 24 |
| Making a Multi-party Call | 25 |
| Entering Text | 27 |
| Changing the Text Input Mode | 27 |
| Using T9 Mode | 29 |
| Using Alphabet Mode | 30 |
| Using Number Mode | 32 |
| Using Symbols Mode | 32 |
| Using the Menus | 33 |
| List of Menu Functions | 34 |

| | |
|--|-----------|
| Recent Calls | 43 |
| All Calls | 43 |
| Missed Calls..... | 43 |
| Calls Made | 43 |
| Calls Received..... | 44 |
| Delete All | 44 |
| Call Time | 44 |
| Data Volume..... | 45 |
| Data Call Time..... | 45 |
| | |
| Messaging..... | 46 |
| Create New Message..... | 46 |
| My Messages..... | 50 |
| Voice Mail | 54 |
| Templates | 54 |
| Delete All | 55 |
| Settings..... | 56 |
| Memory Status..... | 58 |
| | |
| Phone Book | 59 |
| Storing a Number with a Name | 59 |
| Using Phone Book Entry Options | 61 |
| Dialing a Number from the Phone Book..... | 61 |
| Speed Dialing..... | 62 |
| Searching for and Dialing a Number in Phone Book | 63 |
| Editing a Caller Group | 64 |
| My Name Card | 64 |
| Own Number..... | 65 |
| Management | 65 |
| Using the Service Dialing Numbers..... | 68 |
| | |
| Media Services | 69 |
| Go To Internet..... | 69 |
| Bookmarks..... | 71 |
| Go to URL..... | 73 |
| Browser Profiles..... | 74 |
| Clear Cache..... | 75 |
| | |
| Rogers Mail | 76 |
| Get Ring tunes | 76 |

| | |
|---------------------------------|-----------|
| Get Games | 76 |
| Get Graphics | 76 |
| Get Celebrity Voicemail | 76 |
| Get My Pix - Online Album | 77 |
| Games | 78 |
| Shop Games..... | 78 |
| Launching a Game | 78 |
| Viewing Game Information..... | 79 |
| Deleting Games | 79 |
| Applications | 80 |
| Alarm | 80 |
| Calendar | 82 |
| Calculator..... | 84 |
| Record Audio | 85 |
| Converter | 85 |
| Timer..... | 86 |
| Stopwatch..... | 86 |
| World Time | 86 |
| Multimedia | 88 |
| Audio..... | 88 |
| Graphics..... | 92 |
| Video..... | 93 |
| Other Files..... | 93 |
| Memory Status..... | 93 |
| Settings..... | 94 |
| Time & Date | 94 |
| Phone Settings..... | 95 |
| Display Settings | 97 |
| Sound Settings..... | 99 |
| Network Services | 101 |
| Security..... | 106 |
| Connection Settings..... | 109 |
| Reset Settings..... | 110 |

| | |
|---|------------|
| Solving Problems | 111 |
| Access Codes | 114 |
| Phone Password | 114 |
| PIN | 115 |
| PUK | 115 |
| PIN2 | 116 |
| PUK2 | 116 |
| Health and Safety Information | 117 |
| Exposure to Radio Frequency (RF) Signals | 117 |
| For Body Operation | 118 |
| Precautions When Using Batteries | 119 |
| Operating Environment | 120 |
| Electronic Devices | 120 |
| Potentially Explosive Environments..... | 121 |
| Emergency Calls..... | 122 |
| Other Important Safety Information | 123 |
| Care and Maintenance..... | 123 |
| FCC Notice | 124 |
| Appendix A: CERTIFICATION INFORMATION (SAR)..... | 125 |
| Appendix B: Safe and Responsible Wireless Phone Use | 127 |
| Appendix C: Consumer Update on Wireless Phones | 131 |
| STANDARD LIMITED WARRANTY | 139 |
| Index | 144 |

Important Safety Precautions

Please read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal.

Road Safety at All Times

Do not use a hand-held phone while driving; park the vehicle first.

Switching Off When Refueling

Do not use the phone at a refueling point (service station) or near fuels or chemicals.

Switching Off in an Aircraft

Wireless phones can cause interference. Using them in an aircraft is both illegal and dangerous.

Switching Off in Hospitals

Switch your phone off near medical equipment. Follow any regulations or rules in force.

Interference

All wireless phones may be subject to interference, which could affect their performance.


Special Regulations

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 (in a hospital for example).

Sensible Use

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

Emergency Call

Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press the  key. You must deactivate any unnecessary features before you can make an emergency call. Give all the necessary information as accurately as possible. Do not end the call until given permission to do so.

Water Resistance

Your phone is not water-resistant. Keep it dry.

Accessories and Batteries

Use only Samsung-approved accessories and batteries. Use of any unauthorized accessories could damage your phone and may be dangerous.

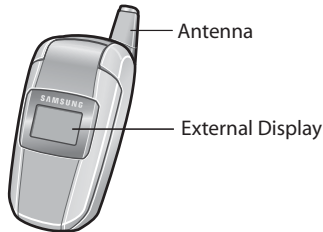
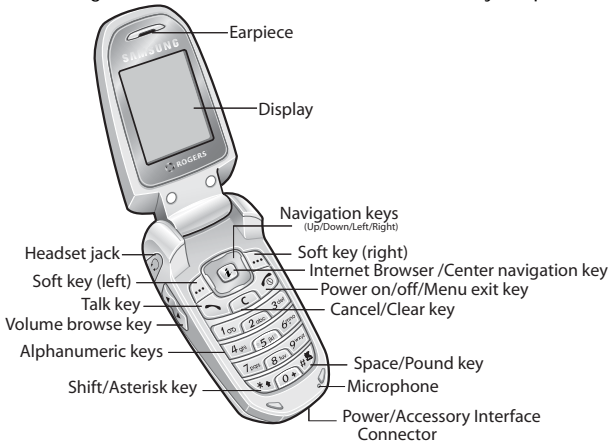
Qualified Service






Only qualified service personnel may repair your phone. For more detailed safety information, see "Health and Safety Information" on page 117.











Your Phone

Phone Layout

The following illustrations show the main elements of your phone:



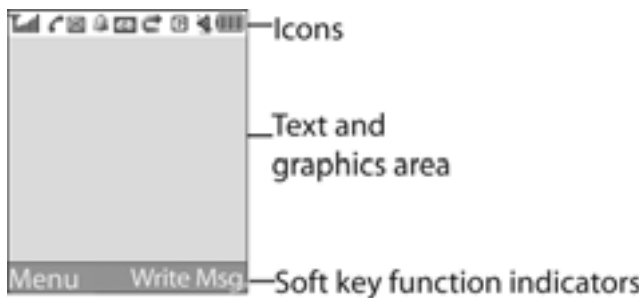
| Key(s) | Description |
|--|--|
|  | <ul style="list-style-type: none"> ◆ In Menu mode, the Up and Down navigation keys scroll through the menu options. ◆ In Idle mode, the Up and Down navigation keys accesses favorite menu options directly. For further details about using or configuring shortcut keys, see "Short Cut" on page 96. |
|  | <ul style="list-style-type: none"> ◆ In Menu mode, the Left navigation key returns to the previous menu level and the Right navigation key selects the current menu or menu function. ◆ When entering text, moves the cursor to the left and right, respectively. ◆ In Idle mode, the Left and Right navigation keys allow you to access your favorite menu options directly. For further details about using or configuring shortcut keys, see "Short Cut" on page 96. |
|  <p data-bbox="181 928 267 950">(soft keys)</p> | <ul style="list-style-type: none"> ◆ Performs the functions indicated by the text above them, on the bottom line of the display. |
|  | <ul style="list-style-type: none"> ◆ In Idle mode, launches your Internet browser. ◆ In Menu mode, selects the current menu or menu function. Pressing this key acts the same as pressing the left soft key. |
|  | <ul style="list-style-type: none"> ◆ Makes or answers a call. ◆ In Idle mode, displays your Recent Calls, showing all calls, missed calls, calls made, or calls received. |

| Key(s) | Description (Continued) |
|--|---|
|  | <ul style="list-style-type: none"> ◆ Ends a call. Also switches the phone on and off when held down. ◆ In Menu mode, cancels your input and returns to Idle mode. |
|  | <ul style="list-style-type: none"> ◆ In the text Input mode, deletes characters from the display. ◆ In Menu mode, returns to the previous menu level. |
|  | <ul style="list-style-type: none"> ◆ In Idle mode, quickly accesses your voice mail when held down. |
|     | <ul style="list-style-type: none"> ◆ Enters numbers, letters and some special characters. |
|  | <ul style="list-style-type: none"> ◆ Changes case during text entry. |
|  | <ul style="list-style-type: none"> ◆ In Idle mode, activates/deactivates Quiet mode. ◆ Inserts a space during text entry. ◆ When held down, activates Symbol mode during text entry. |
|  | <p>(on the left side of the phone)</p> <ul style="list-style-type: none"> ◆ During a call, adjusts the earpiece volume. ◆ In Idle mode with the phone open, adjusts the Ring Volume. With the phone closed, turns the external display on when held down. ◆ In Menu mode, scrolls through the menu options and Address Book. |

Display













Display Layout

The display has three areas:



| Area | Description |
|------------------------|---|
| Icons | Displays various icons. See page 7. |
| Text and graphics area | Displays messages, instructions and any information that you enter, such as the number you are dialing. |
| Soft key indicators | Shows the current functions assigned to the two soft keys. |

Icons

| Icon | Description |
|---|---|
|  | Shows the received signal strength. The greater the number of bars, the stronger the signal. |
|  | Appears when a call is in progress. |
|  | Appears when you are out of your service area. When it displays, you cannot make or receive a call. |
|  | Appears when a new text message has been received. |
|  | Appears when you set an alarm to ring at a specified time. |
|  | Appears when you are in a data transmit/receive mode. Examples include using the WAP browser, or are sending or receiving multimedia messages, etc. |
|  | Appears when you are out of your home area and have logged onto a different network; for example, when traveling in other countries. |
|  | Appears when a new multimedia message has been received. |
|  | Appears when the Call Forwarding feature is activated. |
|  | Appears when a new voice mail message has been received. |
|  | Appears when Vibration mode is active. For further details, see page 18. |
|  | Shows the level of your battery. The more bars you see, the more power you have remaining. |

Backlight

The backlight illuminates the display and the keypad. When you press

any key or open the phone, the backlight turns on and remains on for a given period of time, depending on your Back Light settings. When no keys are pressed, the display dims and turns off after a specified length of time to conserve your battery power.

- ◆ To specify the length of time the backlight is active, use the Back Light menu (**Menu 9.3.5**). See "Back Light" on page 98 for further details.

External Display

Your phone has an external LCD display on the folder. It indicates when you have an incoming call or a message. It also alerts you to alarms by flashing the service lights at the specified time and showing the corresponding icon on the display.

- ◆ To turn the display on with the phone closed, press and hold one of the Volume keys on the left side of the phone.


Getting Started

Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, any optional services available and so on.

Caution: 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.

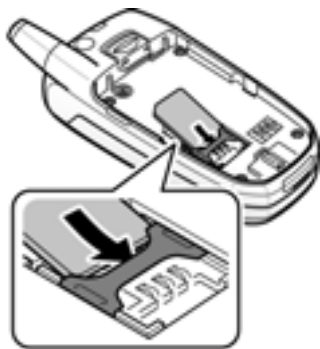
Keep all SIM cards out of the reach of small children.

1. If necessary, switch the phone off by holding down the  key until the power-off image displays.
2. Remove the battery. To do so:
 - ① Slide the battery lock towards the top of the phone and hold it in that position.
 - ② Lift the battery away, as shown.

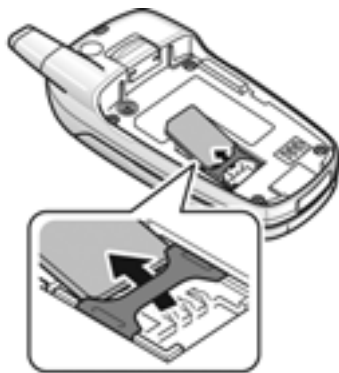


3. Slide the SIM card into the SIM card socket, as shown, so that it locks the card into position.

Make sure the metal contacts of the card face into the phone.



When you need to remove the SIM card, slide it upwards, as shown, and take it out of the socket.



4. Replace the battery so that the tabs on the end align with the slots at the bottom of the phone.



5. Press the battery down until it clicks into place. Make sure that the battery is properly installed before switching the power on.

Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. A travel charger comes with your phone for charging the battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

The travel charger allows you to 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 using your phone for the first time. A discharged battery is fully recharged in approximately 200 minutes.

1. With the battery in position on the phone, plug the connector of the travel charger 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.



Note: Always unplug the adapter before removing the battery from the phone during charging; 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 a message repeats at regular intervals on the display. If this happens, the display dims to conserve the remaining battery power.

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


Check the battery indicator icon periodically and recharge as needed to make sure the phone has enough battery power when needed.

Switching the Phone On or Off

1. Open the phone.
2. Press and hold the  key until the phone switches on.
3. If the phone asks you to enter the phone password, enter the password and press the **OK** soft key. It is preset to "00000000" at the factory. For further details, see "Change Password" on page 108.
4. If the phone asks for a PIN, enter the PIN and press the **OK** soft key. For further details, see "PIN Check" on page 107.


The phone searches for your network and, after finding it, the idle screen appears on the display. You can now make or receive a call.

The display language is preset to **Automatic** and is dependent on the setting in the SIM as determined by your service provider. To change the language, use the Language menu (**Menu 9.2.1**). For further details, see "Language" on page 95.

5. When you wish to switch the phone off, press and hold the  key until the power-off image displays.


Call Functions

Making a Call




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

Note: When you activate the **Auto Redial** option in the **Extra Settings** menu (**Menu 9.2.4**), the phone automatically redials up to ten times when the person does not answer the call or is already on the phone. For carriers that automatically divert unanswered call to voice mail, the Auto Redial feature will not provide useful service. See "Reset Settings" on page 110 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  key.

Correcting the Number

| To clear | Press the |
|-------------------------------|---|
| the last digit displayed |  key. |
| any other digit in the number | Left or Right key until the cursor is immediately to the right of the digit to be cleared. Press the  key. You can also insert a missing digit simply by pressing the appropriate key. |
| the whole display |  key and hold it for more than one second. |



Ending a Call


When you want to end your call, briefly press the  key or close the phone.

Redialling the Last Number

The phone stores the numbers you have dialed, received or missed if the caller is identified. See "Recent Calls" on page 43 for further details.

To recall any of these numbers:

1. If you have typed characters on the display, press either the **Exit** soft key or the  key to return to Idle mode.
2. Press the  key to display a list of the last numbers in the order you made, received or missed them.
3. Use the Up and Down keys to scroll through the numbers until the number you want is highlighted.



| To | Press the |
|--|--|
| dial the number |  key. |
| edit the number | Options soft key and select Paste . For further details, see "Correcting the Number" on page 14. |
| delete the number | Options soft key, select Delete and then select Selected . |
| delete all of the numbers on the Call Log list | Options soft key, select Delete and then select All . For further details, see "Delete All" on page 44. |

Making a Call from the Phone Book

You can store the phone numbers that you use regularly in the SIM card or the phone's memory, which are collectively called the Phone Book. Simply select a name to recall the associated number. See "Phone Book" on page 59 for further details.

Adjusting the 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.
- ◆ In Idle mode, you can also adjust the Ring Volume using these keys.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call image. When the caller can be identified, the caller's phone number or name, if stored in your Address Book, displays.

To answer a call

1. If necessary, open the phone.
2. Press the  key or the **Accept** soft key to answer the incoming call.
 - ◆ When the **Anykey Answer** option in the **Extra Settings** menu (**Menu 9.2.4**) is activated, you can press any key to answer a call except for the  key and the **Reject** soft key. See "Extra Settings" on page 96.
 - ◆ When the **Open to Answer** option in the **Extra Settings** menu (**Menu 9.2.4**) is activated, you can answer the call simply by opening the phone. See "Extra Settings" on page 96.
 - ◆ To reject the call, press and hold one of the Volume keys, or press the **Reject** soft key or  key.
3. End the call by pressing the  key.

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

Viewing Missed Calls


When you are unable to answer a call for any reason, you can find out who called you so that you can call the person back.

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

To view the missed call immediately:

1. If necessary, open the phone.
2. Press the **View** soft key.

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

| To | Press the |
|-------------------------------------|--|
| scroll through the missed calls | Up or Down key. |
| call the number selected |  key. |
| edit or delete a missed call number | Options soft key. See below. |

Saving a Missed Call Number


Note: When the number for the missed call is not available, the Edit option does not display.


1. Press the **View** soft key.
2. Press the Up or Down navigation key to highlight the number and press the **Options** soft key.
3. Select **Save to Phone Book**.

4. Choose between the SIM and Phone location options and press the **Select** soft key.
5. Use the Right and Left navigation keys to select the phone category and press the **Select** soft key.
6. Enter the Name or choose from the provided list and press the **Save** soft key.

For more options on this function, see “Using Phone Book Entry Options” on page 61.

Deleting a Missed Call

1. Press the **Options** soft key.
2. Press the Up or Down navigation key to highlight the **Delete** option.
3. Press the **Select** soft key.
4. Select **Selected** or **All** and press the  key.





You can press the  key at any time to exit the Missed Call feature.

Note: You can access the Missed Call feature at any time by selecting the **Missed Calls** menu (**Menu 1.2**). For further details, see “Missed Calls” on page 43.

Quickly Switching to Quiet Mode


Quiet mode is convenient when you wish to stop the phone from making noise, in a theater for example. You can choose between:

- ◆ **Vibration All:** activates the phone’s vibration mode instead of ringing.
- ◆ **Silent All:** the phone does not ring or vibrate.


1. In Idle mode, press and hold the  key until the "Vibration All Activated" or "Silent All Activated" message and the Vibration icon () display.
2. To reactivate the previous sound settings, press and hold the  key again until "Vibration All Deactivated" or "Silent All Deactivated" appears. The Vibration icon () no longer displays.

Selecting Functions and Options



Your phone provides left and right soft keys that provide context-sensitive functions.

The Left soft key  can be used in several different ways.

- ◆ In Idle mode, press to access the **Menu**.
- ◆ When using other features, such as the web browser, the left soft key performs a context-sensitive action. This action is shown in the bottom left corner of the Display Screen.

The Right soft key  can also be used in several different ways.

- ◆ In Idle mode, press to write a text message.
- ◆ In text entry mode, returns **Back** to the previous menu.
- ◆ When using other features, such as the web browser, the right soft key performs a context-sensitive action. This action is shown in the bottom right corner of the Display Screen.

| To | Press the |
|--|--|
| move up one level in the menu tree | Left key,  key or Back soft key. |
| exit the structure without changing the settings |  key. |

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

Note: When you access a list of options, your phone highlights the current 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.

To view and select the desired function or option:

1. Press the appropriate soft key.

| To | Press the |
|---|--|
| select the displayed function displayed or option | Select soft key or the Right navigation key. |
| view the next function or highlight the next option on a list | Down navigation key or the ▼ volume key on the left side of the phone. |
| move to the previous function or option on a list | Up navigation key or the ▲ volume key on the left side of the phone. |

Options During a Call


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


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 press the **Hold** soft key. You can reactivate the call whenever you want, by pressing the **Retrieve** soft key.

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

1. Put the current call on hold by pressing the **Hold** soft key.
2. Enter the phone number that you wish to dial.
3. Press the  key to dial the second call.
 - ◆ When you have an active call and another call on hold, you may switch between the two calls, placing the active call on hold. 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 the other person.
4. When you want to finish, end each call by pressing the  key.

Using the Menu Functions

During a call, you can access the main menu functions.

1. Press the **Options** soft key.
2. Press the Down navigation key to highlight the **Menu** option.

3. Press the **Select** soft key. The main menu is displayed.
4. Press the Up or Down navigation key to scroll through the menu list.

Note: You cannot use some menus during a call. They are deactivated on this list.

5. When the menu you want highlights, press the **Select** soft key.
6. If the selected menu has sub-options, repeat steps 4 and 5.

For further details about the menu functions available, see the “List of Menu Functions” on page 34.

Switching the Microphone Off (Mute)

You can temporarily switch your phone's microphone off so that the other person on the call cannot hear you. For example, you wish to say something to another person in the room but do not want the person on the call to hear you.

To switch the microphone off temporarily:

1. Press the **Options** soft key.
2. Press the Down navigation key to highlight the **Mute** option.
3. Press the **Select** soft key.

The other person can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key.
2. Press the Down navigation key to highlight the **Unmute** option.
3. Press the **Select** soft key.

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 using DTMF tones, the **Send DTMF** option must be selected.

Sending a Sequence of DTMF Tones

You can send the DTMF tones after entering the entire number you need to send. This option is helpful for entering a password or an account number when you call an automated system, like a banking service.

To send the DTMF tones:

1. When you are connected to the teleservice system, press the **Options** soft key.
2. Press the Down navigation key to highlight the **Send DTMF** option.
3. Press the **Select** soft key.
4. Enter the number you want to send and press the **OK** soft key. The tones are sent.

Searching for a Number in the Phone Book

You can search for a number in the Phone Book during a call.

1. Press the **Options** soft key.

2. Press the Down navigation key to highlight the **Phone Book** option.

3. Press the **Select** soft key.

The Contact List entries are listed.


4. Enter the name that you wish to find.

If you enter the first few letters of the name, the Contact List entries are listed, starting with the first entry matching your input.

5. To view the highlighted entry, press the  key.

For further details about the Phone Book feature, see “Phone Book” on page 59.

Using Text Messages

If you receive a text message during a call, the Message icon () flashes on the display. You can use the **Inbox** menu (**Menu 2.2.1**) to view new text messages. See “Messaging” on page 46 for further details about text messaging.

Call Waiting

You can answer an incoming call while you have a call in progress, if your network supports this service and you have set the **Call Waiting** option for Voice Calls (**Menu 9.5.3.1**) to **Activate**. See “Call Waiting” on page 104 for further details about call waiting.

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

1. Press the **Accept** soft 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.

3. To end the call being held, press the **Options** soft 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 to take part simultaneously in a multi-party or conference call.

Note: Please contact your service provider to determine if multi-party calling is supported.

Setting up the Multi-party Call


1. Call the first participant in the normal way.
2. Place the first participant on hold. See "Putting a Call on Hold" on page 21.
3. Call the second participant in the normal way. The first call is automatically put on hold.
4. To join the first participant to the multi-party call, press the **Options** soft key and select the **Join** option. Press the **OK** soft key.
5. To add a new person to the multi-party call, call the person in the normal way and press the **Options** soft key. Select the **Join** option and press the **OK** soft key.

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

Having a Private Conversation with One Participant

1. Press the **Options** soft key and choose the **Select One** option. Press the **OK** soft key.

The list of call participants appears.

2. Highlight a person from the list by pressing the Up or Down key, and press the **Select** soft key or the  key.
3. When the **Private** option highlights, press the **OK** soft key.

You can now talk privately to that person. The other participants can still converse with each other.


4. To return to the multi-party call, press the **Options** soft key and select the **Join** option. Press the **OK** soft key.

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


Dropping One Participant

1. Press the **Options** soft key and choose the **Select One** option. Press the **OK** soft key.

The list of call participants appears.

2. Highlight a person from the list by pressing the Up or Down navigation key, and press the **Select** soft key or the  key.
3. Press the Down key to select the **Remove** option and press the **OK** soft key.

The call ends with that participant, but you can continue to talk to the others.

4. When you want to end the multi-party call, press the  key.

Entering Text

When using your phone, you will often need to enter text, such as when storing a name in the Phone Book, creating your personal greeting or scheduling events on your calendar. You can enter alphanumeric characters by using your phone's keypad.

Your phone has the following text input modes:




- ◆ **T9 mode:** This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, when you press the **5** key once, J, K or L displays. T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional Alphabet mode.
- ◆ **Alphabet mode:** this mode allows you to enter letters by pressing the key labeled with the letter you want. Press the key once, twice, three or four times until the desired character displays.
- ◆ **Number mode:** this mode allows you to enter numbers.
- ◆ **Symbols mode:** this mode allows you to enter various symbols and special characters.

Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display.

Example: Writing a text message








| To select | Press and hold the  key until |
|---------------|--|
| T9 mode |  displays. See page 29. |
| Alphabet mode |  displays. See page 30. |

Note: To select **Symbols** input mode, press and hold the # key.

You can also select the text input mode by pressing the **Options** soft key and selecting **Input Method**.

You can also switch between styles of capitalization or numbers in T9 and Alphabet mode by pressing the * key quickly.

| To select | Press the  key several times until |
|--------------------------|---|
| All capitals |  displays. |
| First letter capitalized |  displays. |
| All lower-case |  displays. |
| Number mode |  displays. See page 32. |

Using T9 Mode

T9 is a predictive text input mode that allows you to key in any character using a single keystroke. This text input mode is based on a built-in dictionary. Your phone will select the most likely word based on your keystroke combinations.

To enter a word in T9 mode:


1. When you are in T9 mode, start entering a word by pressing the 2 to 9 keys. Press each key only once for each letter.

Example: To enter "HELLO" in T9 mode, press the 4, 3, 5, 5 and 6 keys.

The word that you are typing appears on the display. It may change with each key that you press.

2. Enter the whole word before editing or deleting the keystrokes.
3. When the word displays correctly, go to step 4.

If the word displayed is not the one you want, press the **0** key repeatedly to display alternative word choices for the keys that you have pressed.

4. Insert a space by pressing the  key and start entering the next word.

To add a new word into the T9 dictionary:

1. After pressing the keys corresponding to the word you want to add, press the **0** key to display the alternative words.

The display shows **Add** on the bottom line.

2. Press the **Add** soft key.
3. If necessary, clear the word using the **C** key and enter the word you want using Alphabet mode. See page 30.

4. Press the **OK** soft key.

The word is added to the T9 dictionary and becomes the first word for the associated key presses.

- ◆ To enter periods, hyphens or apostrophes, press the **1** key. T9 mode applies grammar rules to ensure that the correct punctuation is used.
- ◆ To shift the case in T9 mode, use the **✳** key. There are three cases; Initial Capital (**Ab**), Capital lock (**AB**) and Lower case (**ab**).
- ◆ You can move the cursor by using the Left, Right, Up, and Down navigation keys. To delete letters, press the **C** key. Press and hold the **C** key to clear the display.

Using Alphabet Mode

Use the 0 to 9 keys to enter your text.

1. Press the keys labeled with the letter you want:
 - Once for the first letter
 - Twice for the second letter
 - And so on
2. Select the other letters in the same way.

Note: The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just wait for a few seconds for the cursor to move to the right automatically, and then select the next letter.

Refer to the table below for further details about the characters available:

| Key | Characters in the Order Displayed | |
|-----|-----------------------------------|------------------------------|
| | Upper Case | Lower Case |
| 1 | .@, -? !: / 1 | .@, -? !: / 1 |
| 2 | A B C 2 Ä Å Æ Ç Γ | a b c 2 à á â ã æ ç |
| 3 | D E F 3 É Δ Φ | d e f 3 è é ê φ |
| 4 | G H I 4 Θ Ψ | g h i 4 ι ψ |
| 5 | J K L 5 Λ | j k l 5 λ |
| 6 | M N O 6 Ñ Ø Ö ö | m n o 6 ñ ø ö ö |
| 7 | P Q R S 7 Π Σ Ξ | p q r s 7 ϖ ϗ Ϙ ϙ |
| 8 | T U V 8 Û Ü | t u v 8 ù ü |
| 9 | W X Y Z 9 Ω | w x y z 9 ω |
| 0 | space += <> € £ \$ % & ¥ □ 0 | space += <> € £ \$ % & ¥ □ 0 |
| # | space | space |


- ◆ To shift the case in Alphabet mode, use the **⇧** key. There are three cases: Initial Capital (**Ab**), Capital lock (**AB**) and Lower case (**ab**).
- ◆ You can move the cursor by using the Left, Right, Up and Down navigation keys. To delete letters, press the **C** key. Press and hold the **C** key to clear the display.

Using Number Mode

Number mode enables you to enter numbers into a text message. Press the keys corresponding to the digits you want to enter.


Using Symbols Mode

Symbols mode enables you to insert symbols into a text message. To enter Symbols mode, press and hold the # key.



| To | Press the |
|---|---|
| select a symbol | corresponding number key. |
| display more symbols | Up or Down navigation key. |
| clear the symbol(s) |  key. When the input field is empty, this key returns the screen to the previous mode. |
| insert the symbol(s) into your message | OK soft key. |
| cancel your input and return to the previous mode | Back soft key. |

Using the Menu




The navigation key on your phone allows you to scroll through menus quickly and easily. A scroll bar at the right of the menu shows your position in the menu at all times and indicates if there are additional items not shown on the screen.

- ◆ To navigate through a menu, simply press the Up or Down navigation key.
- ◆ As you navigate through the menu, menu options are highlighted. Select any numbered option by simply pressing the corresponding number on the phone's keypad. You may also select any item by highlighting it and pressing the **Select** soft key, the Right key or the  key.

Accessing a Menu Function

1. In Idle mode, press the **Menu** soft key to access the menu. From the Menu, do one of the following:
 - ◆ Scroll using the Up or Down navigation key to reach a menu item, such as **Settings**. Press the **Select** soft key, the  key, or the Right key to enter the menu.
 - ◆ Press the number corresponding to the desired menu option. For example, for **Settings**, press **9**.
2. If the menu contains sub-menus, **Phone Settings** for example, you can access them by scrolling using the Up or Down navigation key and pressing the **Select** soft key, the  key, or the Right key. Alternatively, press the number beside the desired sub-menu option.

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

| To | Press the |
|---|--|
| scroll through the menus | Up or Down navigation key, or use the Volume keys. |
| confirm the chosen setting | Select soft key or  key. |
| return to the previous menu level |  key or Back soft key. |
| exit the menu without changing the settings |  key. |

List of Menu Functions

The following list shows the menu structure available and indicates the number assigned to each option and the page where you can find a description of each feature.

1. Recent Calls (see page 43)

1. All Calls
2. Missed Calls
3. Calls Made
4. Calls Received
5. Delete All
 - All Calls
 - Missed Calls
 - Calls Made
 - Calls Received
6. Call Time
7. Data Volume
 1. Recent Volume
 2. Total Volume
 3. Reset Volume
8. Data Call Time

2. Messaging (see page 46)

1. Create New Message
 1. Text Message
 2. Multimedia Message
2. My Messages
 1. Inbox
 2. Sent
 3. Outbox
 4. Drafts
 5. My Folders
3. Voice Mail
 1. Connect to Voice Mail
 2. Voice Mail Number
4. Templates
 - Call me when you get this message
 - I'm in a meeting. I'll call you back.
 - I am here.
 - Where are you?
 - I love you.
 - When can we meet?
 - Where is the meeting?
 - Talk to you soon
 - I'm late and will be there in __ minutes.
 - Sorry I missed your call, I am in a meeting. What's up?
5. Delete All
6. Settings
 1. Text Message
 1. Send Settings
 2. Current Profile
 - Setting 1
 3. Text Message Profile
 1. Setting 1
 2. Multimedia Message
 1. Send Settings
 2. Receive Settings
 - Reject Unknown Sender
 - Advert Allowed
 - Information

- Report Allowed
- Auto Download

3.Multimedia Message Profile

- GoRogers
- Rogers MMS
- Rogers Internet
- Profile 4
- Profile 5
- Profile 6
- Profile 7
- Profile 8
- Profile 9
- Profile 10

3. Push Message

4. Broadcast

1.Receive

- Disable
- Enable

2.Channel List

- All Channels
- Index

3.Language

- All
- English
- Français

7. Memory Status

3. Phone Book (see page 59)

1. Contact List
2. Add New Contact
 1. Phone
 2. SIM
3. Group
4. Speed Dial
5. My Name Card
6. Own Number
 1. Voice Line 1
 2. Voice Line 2

3. Data
4. Fax
7. Management
 1. Default Saving
 - Phone
 - SIM
 - Ask on Saving
 2. Copy All to Phone
 3. Delete All
 - All
 - Phone
 - SIM
 - SIM(FDN)
 4. Memory Status
8. Service Number

4. Media Services (see page 69)

1. Go To Internet
2. Bookmarks
3. Go to URL
4. Browser Profiles
5. Clear Cache

5. Rogers Mall (see page 76)

1. Get Ring tunes
2. Get Games
3. Get Graphics
4. Get Celebrity Voicemail
5. Get My Pix - Online Album

6. Games (see page 78)

- Shop Games
- Bobby Carrot
- AriShip Racing
- Arch Angel

7. Applications (see page 80)

1. Alarm
 - Wake-up Call
 - Alarm1
 - Alarm2
 - Auto Power
2. Calendar
3. Calculator
4. Record Audio
5. Converter
 1. Currency
 2. Length
 3. Weight
 4. Volume
 5. Area
 6. Temperature
6. Timer
7. Stopwatch
8. World Time

8. Multimedia (see page 88)

1. Audio
 1. Shop Tones
 2. Downloaded Audio
 3. Record
 4. Recorded Audio
 5. Favorite Audio
2. Graphics
 1. Shop Graphics
 2. Downloaded Graphics
 3. Favorite Graphics
3. Video
 1. Shop Video
 2. Downloaded Video
 3. Favorite Video
4. Other Files
5. Memory Status

9. Settings (see page 94)

1. Time & Date
2. Phone Settings
 1. Language
 - Automatic
 - English
 - Français
 2. Greeting Message
 3. Short Cut
 4. Extra Settings
 - Auto Redial
 - Open to Answer
 - Anykey Answer
3. Display Settings
 1. Info Display
 2. Skin
 - Pattern 1
 - Pattern 2
 - Pattern 3
 - Pattern 4
 3. LCD Brightness
 4. Contrast
 - 1.Main LCD
 - 2.Front LCD
 5. Back Light
 6. Dialing Display
4. Sound Settings
 1. Incoming Call
 2. Keypad Tone
 3. Message Tone
 - 1.Text Message
 - 2.Multimedia Message
 - 3.Broadcast
 4. Power On/Off
 - Off
 - Tone 1
 - Tone 2
 5. Folder Tone

- Off
- Tone 1
- Tone 2
- 6. Quiet Mode
 - Vibration All
 - Silent All
- 7. Extra Tones
 - Error Tone
 - Minute Minder
 - Connection Tone
 - Alerts on Call
 - Indicative Tone
- 5. Network Services
 - 1. Call Forwarding
 - 1. Forward Always
 - 1. Voice Calls
 - 2. Data Calls
 - 2. Busy
 - 1. Voice Calls
 - 2. Data Calls
 - 3. No Reply
 - 1. Voice Calls
 - 2. Data Calls
 - 4. Unreachable
 - 1. Voice Calls
 - 2. Data Calls
 - 5. Cancel All
 - 2. Call Barring
 - 1. All Outgoing
 - 1. Voice Calls
 - 2. Data Calls
 - 2. International
 - 1. Voice Calls
 - 2. Data Calls
 - 3. International Except to Home
 - 1. Voice Calls
 - 2. Data Calls
 - 4. All Receiving
 - 1. Voice Calls

- 2. Data Calls
- 5. Receiving While Abroad
 - 1. Voice Calls
 - 2. Data Calls
- 6. Cancel All
- 7. Change Barring Password
- 3. Call Waiting
 - 1. Voice Calls
 - Activate
 - Deactivate
 - 2. Data Calls
 - Activate
 - Deactivate
 - 3. Cancel All
- 4. Network Selection
 - Automatic
 - Manual
- 5. Caller ID
 - Default
 - Hide Number
 - Send Number
- 6. Closed User Group
- 6. Security
 - 1. PIN Check
 - Disable
 - Enable
 - 2. Change PIN
 - 3. Phone Lock
 - Disable
 - Enable
 - 4. Change Password
 - 5. Privacy
 - Disable
 - Enable
 - 6. SIM Lock
 - Disable
 - Enable
 - 7. FDN Mode
 - Disable



- Enable

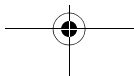
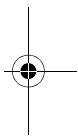
8. Change PIN2

7. Connection Settings

- GoRogers
- Rogers MMS
- Rogers Internet
- Profile 4
- Profile 5
- Profile 6
- Profile 7
- Profile 8
- Profile 9
- Profile 10

8. Reset Settings

- All Settings
- Phone Settings
- Display Settings
- Sound Settings




Recent Calls


In this menu, you can:

- ◆ view calls you missed, received or dialed
- ◆ view the time of your calls made and received

Note: Press the Left and Right navigation keys to switch between All Calls, Missed Calls, Calls Made, and Calls Received.


You can access the most recent numbers in the three types of call records by pressing the  key in Idle mode.

All Calls

This menu lets you view all recent calls (missed, received, and dialed). Use the navigation key to scroll through the list, and press the  key to view call details. The number is displayed along with the time and date when the call was received.

By pressing the **Options** soft key, you can:

- ◆ view call details.
- ◆ paste the number to the screen in order to edit or dial it.
- ◆ save it to the Phone Book.
- ◆ send a text or multimedia message to the number
- ◆ delete the call from the list.

You can also dial the number by pressing the  key.

Missed Calls

This menu lets you view the calls you received, but did not answer. The Missed Calls menu works the same as the All Calls menu.

Calls Made


This menu lets you view the numbers you dialed. The Calls Made menu works the same as the All Calls menu.

Calls Received

This menu lets you view the calls you received. The Calls Received menu works the same as the All Calls menu.

Delete All

This menu allows you to delete all of the records in each call record type. You can also delete all of your call records at one time.

| To | Press the |
|------------------------------------|--|
| select a call record type to clear | Up or Down navigation key. To delete all of your call records, select All Calls. |
| add or remove a check mark |  key. |
| delete the marked records | Delete soft key. |

When a confirming message displays, press the **Yes** soft key to confirm.

Call Time

This menu lets you view the timers for calls you made and received.

Note: The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes, and so on.

The following timers are available:

- ◆ **Last Call Time:** length of the last call.
- ◆ **Total made:** total length of all calls you made since the timer was last reset.
- ◆ **Total Received:** total length of all calls you received since the timer was last reset.

To reset a timer, highlight the timer and press the **Reset** soft key. You must enter the phone password and then press the **OK** soft key.

Note: The password is preset to "00000000" at the factory. To change this password, see "Change Password" on page 108.

Data Volume

This menu lets you track how much data you have transmitted and received. The following options are available:

- ◆ **Recent Volume:** the amount of data sent and received since the last time the Data Volume tracker was reset.
- ◆ **Total Volume:** the total amount of data you have transmitted or received.
- ◆ **Reset Volume:** option used to reset the data volume trackers. You must first enter the phone password and then press the **OK** soft key.

Data Call Time

This menu lets you view the timers for data calls you made and received. The following timers are available:

- ◆ **Recent Time:** length of the last data call.
- ◆ **Total Time:** total length of all data calls you made since the timer was last reset.

To reset a timer, highlight the timer and press the **Reset** soft key. You must enter the phone password and then press the **OK** soft key.

Messaging

You can send and receive a range of different message types from your mobile phone, including:

- ◆ **Text messages** allows you to send text messages to another text messaging-capable phone.
- ◆ **Multimedia messages** can be sent to another multimedia message capable phone or an email address. Multimedia messages can contain text, photos, videos and voice attachments.
- ◆ **Push messages** allow you to receive useful information updates, such as sports scores, weather updates and stock prices automatically.
- ◆ **Broadcast messages** allows you to receive specific information related to a specific area (cell) from your service provider.


Create New Message

Creating a Text Message

1. Press **Menu 2.1.1** for **Text Message**.
2. Create your message.

For further details about entering characters, see “Entering Text” on page 27.

3. When you finish entering the message, press the **Options** soft key and select **Send Message**.
4. Enter a destination number. If you want to send the message to multiple destinations, press the Down navigation button to select another **To:** field and enter the number.
5. When you have finished entering destination numbers, press the **Options** soft key, followed by **Send**.

Note: You can quickly send a message after entering one or more destination numbers by pressing the  key.

Creating a Message Using the Options


1. Create a message.
2. Press the **Options** soft key.
3. Select one of the following options by using the Up and Down navigation keys and pressing the **Select** soft key:
 - ◆ **Send Message:** allows you to send the message.
 - ◆ **Insert:** allows you to add text from the Text Templates folder, an entry in the Phone Book, or a URL address in the Favorites folder.
 - ◆ **Add Media:** allows you to add one from various default media items, such as Pictures, Animations, or Melodies.
 - ◆ **Attach:** you can add an entry from Name Card, Schedule, Anniversary, Memo, or Task.
 - ◆ **Save Message to:** allows you to save the message to the Drafts folder or a custom message folder. For more information, see “Creating a Message Folder” on page 52.
 - ◆ **Language Select:** allows you to change the language to be used (English or Français).
 - ◆ **Text Style:** allows you to format the style of the text. For the Size attribute, select Small, Normal, or Large. For Text Mode, select Normal, Underline, or Strikethrough. For the Bold and Italic attributes, select Off or On.
 - ◆ **Input Method:** allows you to set the text entry method. Choose between T9 (first upper, upper case or lowercase), alphanumeric (first upper, upper case or lowercase), numeric or Symbols. For more information, see “Entering Text” on page 27.

4. Complete the message, and send or save it by selecting the appropriate option.

Creating a Long Text Message

When you write a text message, the phone automatically splits it into several messages if the message exceeds the maximum number of characters allowed in a single message. The number of split messages to be sent is shown each time your message is split. Depending on your service provider, the maximum number of characters may vary.

Creating and Sending an Multimedia Message


1. Press **Menu 2.1.2** for **Multimedia Message**.
2. Add the message contents by selecting the following media types:
 - ◆ **Subject:** allows you to enter text for the subject.
 - ◆ **Graphics & Video:** allows you to add a picture or video from your Downloaded and Favorite folders. For details about using the graphics and videos, see "Rogers Mall" on page 76.
 - ◆ **Audio:** allows you to add a sound file. You can record a new audio clip or add an existing audio clip, or select one of sound clips stored in the Downloaded or Favorite audio folders. Select **Record Audio** to record a new voice memo or **Recorded Audio** to add one of the voice memos or sound clips stored in the phone's memory. You can add downloaded audio files if they are in correct format and your service provider allows it.
 - ◆ **Message:** enter the message text and press the  key. While entering text, you can add a Text Template or an entry in Phone Book, Favorites or change the input language by pressing the **Options** soft key.
3. After you have created the message, press the **Options** soft key and select one of the following:
 - ◆ **Add:** adds the highlighted media type.

- ◆ **Preview:** shows the message you created.
- ◆ **Send:** allows you to send the message.
- ◆ **Save to:** allows you to save the message to the Drafts folder or a custom message folder. For more information, see “Creating a Message Folder” on page 52.
- ◆ **Settings:** allows you to change the message settings. After changing the settings, press the **Back** soft key or the **C** key to go back to the message screen. The following options are available:
 - **Delivery Report:** when this option is enabled, the network informs you whether or not your message has been delivered.
 - **Read Reply:** when this option is enabled, your phone sends a request for a reply along with your message to the recipient.
 - **Priority:** you can select the priority level of your messages.
 - **Expiry Date:** you can select the length of time your messages are stored in the message center after they are sent.
 - **Delivery After:** you can set a delay time before the phone sends your message.
- ◆ **Add Page:** allows your to add another page to the message.

Note: You can add text, a picture or video clip and a sound only once for each page.

- ◆ **Delete Page:** allows your to delete the page from the message.
 - ◆ **Edit Page:** allows you to edit the order in which the pages appear and the duration that they are displayed.
 - ◆ **Attach:** allows you to add an entry from Name Card, Schedule, Anniversary, Memo, or Task.
 - ◆ **Remove Subject/Graphics & Video/Audio/Message:** allows you to remove the highlighted object from the multimedia message.
4. You can switch between pages by pressing the Left and Right navigation keys. The current page is displayed near the top of the screen, for example, **1/2**. You can edit the current page by pressing the **Options** soft key and selecting an option.
 5. If you want to change the added items, scroll to the one you want and press the **Options** soft key.

- When you have finished creating the message, press the **Options** soft key and choose **Send**.
- Enter the phone number to which you want to send the message. To add a phone number stored in your Phone Book, press the **Options** soft key and choose **Add Phone Book**.
- If you want to send the message to multiple destinations, press the Down navigation button to select another **To:** field and enter the number.


You can change the destination type to either **Cc** (Carbon copy) or **Bcc** (Blind Carbon copy). Press the **Options** soft key, followed by **Change Recipient**. Select your destination type and press  .
- When you have finished entering destination numbers, press the **Options** soft key, followed by **Send**.


My Messages

The My Messages screen provides 5 message folders:

- ◆ **Inbox:** stores incoming text and multimedia messages
- ◆ **Sent:** stores the messages your phone has successfully sent.
- ◆ **Outbox:** stores the messages and emails your phone is attempting to send temporarily.
- ◆ **Drafts:** stores the messages and emails you have saved without sending or tried to send.
- ◆ **My Folders:** allows you to create a folder that is used to store messages. You can create up to 5 message folders to manage your messages.

Viewing a Message


- In Idle mode, press **Menu 2.2.1** to display the messages in the inbox. The message list opens. The icons on the left of the number indicates the message type
 - ◆  : indicates SMS

◆ : indicates MMS

The icons on the right of the message subject indicate the memory location and the lock status.

2. Select a message on the list. The message content displays.
For a Multimedia message, the display presents the message and then switches to the message view screen.
3. Press the Up or Down navigation key to scroll through the message screen. For a Multimedia message, press the Left or Right navigation key to scroll to other pages, if the message has more than one page.

You can access the message options by pressing the **Options** soft key.

- ◆ **View**: allows you to view the message received.
 - ◆ **Delete**: deletes all or selected message.
 - ◆ **Move to My Folder**: allows you to move your messages to a folder you have defined.
 - ◆ **Sort by**: allows you to sort this message by Date, Read/Unread, Name, Subject, Size and Type.
 - ◆ **Protection**: allows you to set the protection for a message.
4. Press the * or # key to scroll to the previous or next message.
 5. When you have finished, press the  key.

Using Message Options

While viewing a message, press the **Options** soft key to access the following options:

Options for SMS Messages

- ◆ **Reply**: allows you to reply to the message received
- ◆ **Forward**: allows you to forward the message to another destination.
- ◆ **Delete**: deletes the currently selected message.

- ◆ **Move to Phone/SIM:** allows you to move the message to the Phone or SIM card's memory.
- ◆ **Extract Address:** allows you to extract the recipient or sender's number or address, and URL from the message text so that you can make a call, send a SMS or multimedia message, or save them in your Phone Book on your phone or SIM card.
- ◆ **Save Media/Attach:** allows you to move the attachment to a specific folder.
- ◆ **Protection:** allows you to set the protection for the message.

Options for Multimedia Messages

- ◆ **Reply:** allows you to reply to the destination from which the message originated. Choose from **Reply via Text Message** or **Reply via Multimedia Message**.
- ◆ **Reply All:** allows you to reply to all addresses listed in the recipient list.
- ◆ **Forward:** allows you to forward the message to another destination. You may **Add Subject** or simply **Send**.
- ◆ **Delete:** deletes the message.
- ◆ **Extract Address:** allows you to extract the recipient or sender's number or address, and URL from the message text so that you can make a call, send a SMS or multimedia message, or save them in your phone's Phone Book.
- ◆ **Save Contents:** allows you to save the picture, video clip, or audio clip from the message received.
- ◆ **Properties:** shows you information about the message.

Managing Your Own Message Folders

You can create up to 5 message folders to store messages separately from the default message folders.


Creating a Message Folder

1. From Idle mode, select **Menu 2.2.5 for My Folders**.
2. If you have not previously created a folder, select the **Yes** soft key for Create Folder.

Otherwise, Press the **Options** soft key and select **Add Folder**.

3. Enter a folder name and press the **OK** soft key.

Moving a Message to a Folder

1. From any message list, select the message you want to move and press the **Options** soft key.
2. Select **Move to My Folders** and press .

Note: If you have not created a folder, this option will be greyed out.

3. Select one of the folders you have defined. The message is moved to the folder.

Renaming a Message Folder

1. From Idle mode, select **Menu 2.2.5 for My Folders**.
2. Scroll to the folder you want to rename.
3. Press the **Options** soft key and select **Rename Folder**.
4. Clear the current name and enter a new name.
5. Press the **OK** soft key.

Deleting a Message Folder


1. From Idle mode, select **Menu 2.2.5 for My Folders**.
2. Scroll to the folder you want to delete.
3. Press the **Options** soft key and select **Delete**.
4. Press the **Yes** soft key to confirm the deletion.

Voice Mail

This menu allows you to access your voice mailbox, if your network supports this service.

The following options are available:

- ◆ **Connect to Voice Mail:** before using the Voice Mail feature, you must have a valid voice server number configured in your phone. Your service provider may have configured the number for you already or you have to enter the voice server number obtained from your service provider; see **Menu 2.3.2**. You can then select this option and press the **OK** soft key to listen to your messages. You can quickly connect to the voice server by pressing and holding the **1** key in Idle mode.
- ◆ **Voice Mail Number:** allows you to change the voice mail server numbers, if necessary.

| To | Press the |
|---|--|
| enter the server number | corresponding numeric keys. |
| correct a digit |  key. |
| move the cursor to the left or right without clearing a digit | Left or Right navigation key. |

Note: Voice Mail is a network feature. Please contact your service provider for further details.

Templates

Using this menu, you can create or edit messages that you use frequently.

Select the message template you want and press the **Options** soft key. The following options are available:


- ◆ **Edit:** allows you to edit the currently-highlighted message.

Note: For further details about entering characters, see “Entering Text” on page 27.

- ◆ **Send Message:** allows you to compose a message with the template already inserted into the body of the message. Once you have completed your message, you can send, save and send, or simply save it. For further details about how to send a message, see page 46.
- ◆ **Delete:** allows you to delete the message. You are asked to confirm the deletion by pressing the **Yes** soft key.
- ◆ **Add New** allows you to create a new template message.

Delete All

This menu allows you to delete all of the text messages in a message box. You can also delete messages in several message boxes at one time.

| To | Press the |
|------------------------------|---|
| select a message box | Up or Down navigation key. |
| place or remove a check mark |  key. Press the key twice to select the type of message to delete within the message box, such as the text or multimedia messages. |
| delete the marked messages | Delete soft key. |

When a confirming message displays, press the **Yes** soft key to confirm.

Settings

You can set up various options for using messaging services.

1. In Idle mode, press the **Menu 2.6** for **Settings**.
2. Select the type of messages for which you want to change. Press the **Select** soft key.

Text Message

The following options are available:

- ◆ **Send Settings:** allows you to set the options for sending text messages.
 - **Reply Path:** allows the recipient of your message to send you a reply through your message center, if your network supports this service.
 - **Delivery Report:** allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.
 - **Bearer Selection:** allows you to select either GSM or GPRS Preferred, depending on your network.
- ◆ **Current Profile:** allows you to select a connection profile to be used for sending and receiving text messages.
- ◆ **Text Message Profile:** Lets you create or change your text message connection profile(s). Select a profile and press the **Edit** soft key to change the following options:
 - **Service Center:** the phone number of the text message server.
 - **Default Destination:** the default destination of a text message.
 - **Default Type:** the default type of text message.
 - **Default Validity:** the default validity checking of text messages.
 - **Setting Name:** the name of the profile

Multimedia Message

The following options are available:

- ◆ **Send Settings:** allows you to set the options for sending multimedia messages.

- **Delivery Report:** allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.
- **Read Reply:** allows you to activate or deactivate the request for reply function. When this function is activated, the phone sends a request for a reply along with your message to the recipient.
- **Priority:** you can select the priority level of your messages.
- **Expiry Date:** you can select the length of time your messages are stored in the message center after they are sent. The actual expiry date is determined by your service provider's configuration.
- **Delivery After:** you can set a time delay before the phone sends your messages.
- ◆ **Receive Settings:** allows you to set the options for receiving multimedia messages.
 - **Reject Unknown Sender:** you can set your phone to automatically reject or receive anonymous messages.
 - **Advert Allowed:** you can set your phone to automatically reject or receive advertising messages.
 - **Information:** you can set the option to receive information reports.
 - **Report Allowed:** you can set the option to receive a delivery report.
 - **Auto Download:** you can set your phone to automatically receive or reject incoming messages.
- ◆ **Multimedia Message Profile:** you can select or edit your multimedia message connection profile(s). See "Browser Profiles" on page 74 for information about profile settings.

Push Message


The following options are available:

- ◆ **Receive:** you can select whether the phone receive or reject push-messages from the WAP server. Choose from Never, Always, or SMS-C Specific.

- ◆ **Service Center:** allows you to configure your service center.


Broadcast

The following options are available:

- ◆ **Receive:** allows you to enable or disable the reception of broadcast messages.
- ◆ **Channel List:** allows you to indicate the channels from which you wish to receive broadcast messages.
 - Use the navigation keys to scroll through your list of channels, and press  to check/uncheck the selected channels. Select **All Channels** to enable or disable every channel on the list. Select **Index** to subscribe to the Index channel.
 - Press the **Options** soft key to Save, Add Channel, Delete or Edit the marked channels.
- ◆ **Language:** allows you to select your preferred language in which to display cell broadcast messages. Please contact your service provider for further details.

Memory Status

You can check the memory amount available for storing messages.

1. From the Idle menu, select **Menu 2.7** for **Memory Status**.
2. Press the Up and Down navigation keys to scroll through the Memory status displays.
3. When you have finished, press the  key.

Phone Book

You can store phone numbers and their corresponding names in both your SIM card and phone's memory. They are physically separate but are used as a single entity, called Phone Book.

Storing a Number with a Name

There are two ways to store a number:



- ◆ Using the **Options** soft key and selecting **Save to Phone Book** in Idle mode
- ◆ Using the **Add New Contact** option in the Phone Book menu

Storing a Number in Idle Mode


As soon as you start to enter a number, **Options** appears above the left soft key to allow you to store the number in Phone Book.

1. Enter the number you want to store.

Note: If you make a mistake while entering a number, correct it using the **C** key. For further details, see page 14.


2. When you are sure that it is correct, press the **Options** soft key.
3. Highlight **Save to Phone Book** and press the  key.
4. Select a memory location, either **Phone** or **SIM**, by pressing the Up or Down navigation key and press the  key.

Note: When you change phones, any numbers stored in your SIM card memory are automatically available with the new phone, whereas any numbers stored in the phone's memory must be reentered or transferred using the optional data kit accessory.


5. Select the Type of number by pressing the Up or Down navigation key and press the  key.

6. Enter a name and press the **Save** soft key.

For further details about entering characters, see page 27.

| To | Press the |
|---------------------------|--|
| use the entry options | Options soft key. For further details, see page 61. |
| return to the idle screen |  key. |

Storing a Number Using the Phone Book Menu


1. From Idle mode, select **Menu 3.2** for the **Add New Contact** menu.
2. Select a memory location, either **Phone** or **SIM**, by pressing the Up or Down navigation key and press the  key.

Note: Certain types of contact information, such as email addresses, can only be saved in the Phone location and not on the SIM card.

3. Enter a name and press the **Save** soft key.


For further details about entering characters, see “Entering Text” on page 27.

4. Enter the number you want to store and press the **Save** soft key.

| To | Press the |
|---------------------------|--|
| use the entry options | Options soft key. See the next section for the options available. |
| return to the idle screen |  key. |

Using Phone Book Entry Options

While accessing any Phone Book entry, press the **Options** soft key to access the entry's options.

| To | Press the |
|-------------------------------|--|
| select the highlighted option |  key. |
| highlight a different option | Up or Down navigation key until the option is highlighted. |

The following options are available:

- ◆ **Edit:** allows you to edit the name and contact information.
- ◆ **Send Message** allows you to send a text or multimedia message to the currently selected contact.
- ◆ **Copy:** allows you to copy the selected contact to another location (phone or SIM card)
- ◆ **Send via:** allows you to send the contact information as a text or multimedia message.
- ◆ **Delete:** allows you to delete the selected number from Phone Book. You are asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key.


Dialing a Number from the Phone Book

Once you have stored phone numbers in the Phone Book, you can dial them easily and quickly by using the location numbers that were assigned to them in the Phone Book.

Dialing a Number from the SIM Card

1. In Idle mode, enter the location number of the number you want to dial and press the **#** key.



The list of the entries in the SIM card appears. If necessary, scroll through the list using the Left and Right navigation keys.

- When the number displays, press the **Dial** soft key or  key.


Speed Dialing

You can assign up to eight phone numbers from Phone Book that you use most frequently to the number keys (2 to 9), and then dial them easily whenever you want, simply by pressing and holding the associated number key.

Setting up Speed-dial Entries

- In Idle mode, press the **Menu** soft key to access the menu.
- Select **Phone Book** and press the **Select** soft key or  key.
- Scroll to **Speed Dial** by pressing the Up or Down navigation key and press the **Select** soft key or the  key.
- Select a number between 2 to 9 to assign the speed dialing number, and press the **Options** soft key followed by the **Add** soft key.

Note: Memory location 1 is reserved for your Voice Mail server number.

- Select an entry from the list and press the **Select** soft key.
- Press the **Select** soft key to save this entry in the speed dial list.
- When you are finished, press the  soft key. To edit the number use the following options by pressing the **Options** soft key:
 - ◆ **View:** allows you to view the number assigned to the key. You can dial the number by pressing the key.
 - ◆ **Change:** allows you to assign a different number to the key.
 - ◆ **Remove:** allows you to clear the setting so that no number is assigned to the key.



Speed-dialing from the Phone Book


- ◆ To speed-dial the numbers assigned to the 2 to 9 keys, press and hold the appropriate key.


Searching for and Dialing a Number in Phone Book

After storing numbers in Phone Book, you can search for them in two ways; by name and by caller group.




Searching for a Number by Name

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.
3. Select **Contact List** and press the **Select** soft key or  key.
4. Enter the first few letters of the name that you want to find. The Phone Book entries are listed, starting with the first entry matching your input.

| To | Press the |
|--|---|
| view the highlighted entry |  key or the Options soft key, followed by View . |
| select a different entry | Up or Down navigation key until the entry you want highlights. |
| look for a name starting with a different letter | key labeled with the letter you want. |

5. Once you have found the entry, press the  key to dial the number, or press the **Options** soft key to access the Phone Book entry options; for further details, see page 61.



Editing a Caller Group

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.
3. Scroll to **Group** by pressing the Up or Down navigation key and press the  key.
4. Scroll through the group list by pressing the Up or Down navigation key.
5. When the group you want highlights, press the **Options** soft key.
6. Select each option and change the settings, as you want. The following options are available:
 - ◆ **View**: allows you to view the contacts in the group.
 - ◆ **Add**: allows you to add a new group.
 - ◆ **Edit**: allows you to edit the highlighted group. In the Group edit screen, you can edit the name of the group, as well as the graphics and ringtones associated with the group. "Settings" on page 94 for further information about setting graphics and ringtones.
 - ◆ **Send Message**: allows you to send a text or multimedia message to the group members.
 - ◆ **Delete**: allows you to delete all the groups or just the highlighted group.
7. When you are finished, press the **Back** soft key or .

My Name Card

This function is similar to an entry in the Phone Book, except that it contains your contact information, like a business card. You can send the name card to others via a text or multimedia message.



You can assign a name to each of your own phone numbers registered on your SIM card.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.
3. Scroll to **My Name Card** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
4. See “Storing a Number with a Name” on page 59 for information about entering contact information.

Own Number

This function is a memory aid, which 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.




1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.
3. Scroll to **Own Number** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
4. Highlight the number you want to view by pressing the Up or Down navigation key. The number type is displayed.

Management

Changing the Default Saving Location




You can select a default memory location to store all new Contact entries.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.

3. Scroll to **Management** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
4. Scroll to **Default Saving** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
5. Highlight **Phone, SIM** or **Ask on Saving** and press the **Select** soft key or  key.



Copying All Phone Book Entries





You can copy all the Contact entries stored on your SIM card to your phone's memory. Your phone can contain more information than your SIM card.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.
3. Scroll to **Management** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
4. Scroll to **Copy All to Phone** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
5. Press the **Yes** soft key to copy all your entries from your SIM card to the phone.

Deleting All Phone Book Entries





You can delete all of the entries in the selected memory or both memories.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Phone Book** and press the **Select** soft key or  key.
3. Scroll to **Management** by pressing the Up or Down navigation key and press the **Select** soft key or  key.

4. Scroll to **Delete All** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
5. To place a check mark by the memory you want to empty, **All**, **Phone**, **SIM** or **SIM(FDN)**, press the  key.
You can remove the check mark by pressing the  key again.
6. When you are finished marking, press the **Delete** soft key to delete the entries in the selected memory.
7. Enter the phone password and press the **OK** soft key.
The password is preset to "00000000" at the factory. To change this password, see "Change Password" on page 108.
8. When a confirming message appears, press the **Yes** soft key.
To cancel the deletion, press the **No** soft key.
9. When you are finished, press the  key.



Checking the Memory Status

You can check how many names and numbers are stored in Phone Book, in both the SIM card and phone's memory. You can also see the capacity of both memories.

1. In Idle mode, press the **Menu** soft key. Select **Phone Book** and press the **Select** soft key or  key.
2. Scroll to **Management** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
3. Select the **Memory Status** option by pressing the Up or Down navigation key and press the **Select** soft key or  key.
4. When you are finished, press the  key.

Using the Service Dialing Numbers

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.

1. In Idle mode, press the **Menu** soft key. Select **Phone Book** and press the **Select** soft key or  key.
2. Scroll to **Service Number** by pressing the Up or Down navigation key and press the **Select** soft key or  key.
3. Scroll through the numbers by using the Up or Down navigation key.
4. To dial the number displayed, press the **Dial** soft key.

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

Media Services



Your phone is equipped with a WAP (Wireless Application Protocol) browser to allow you to access Internet sites specified for mobile phones. This section explains how to access the WAP services of your service provider and navigate the WAP browser.

Go To Internet

This menu (**Menu 4.1**) takes you to an online homepage provided by your service provider. Selecting this menu connects the phone to the network and loads the homepage of the Wireless Web service provider.

You can also press the  key in Idle mode.

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.


- ◆ To scroll through the screen, use the Up and Down navigation keys.
- ◆ To select a browser item, press the  key.
- ◆ To exit the browser at any time, press the  key.

Note: To access the startup homepage from any other screen in the Internet browser, use the **Home** option. For further details about the Internet Browser menus, see page 70.

Exiting the Internet Browser

To exit the browser at any time, simply press the  key.

Navigating the Internet Browser

| To | Press the |
|---|--|
| scroll through and select browser items | Up or Down navigation key until the item is highlighted, and then press the Select soft key to confirm the selection. |
| select a numbered item | corresponding numeric key. |
| return to the previous page | Back soft key or the  key. |
| return to the startup homepage | press the Menu soft key and select Home . For further details about this option, see page 70. |

Entering Text in the Internet Browser

When you are prompted to enter text, the current text input mode is indicated on the screen. See “Entering Text” on page 27 for information.

Selecting and Using Browser Menu Options

Various menu options are available when you are using the Internet Browser to navigate the Wireless Web.

To access a menu option:

1. Press the **Menu** soft key. A menu list displays.
2. Highlight a menu by pressing the Up or Down navigation key.
3. Select an option by pressing the **Select** soft key.
4. If necessary, select a secondary option using the Up and Down navigation keys, and press the **Select** soft key to confirm.

The following options are available:

- ◆ **Favorites:** allows you to bookmark and go to your favorite pages.
- ◆ **Reload:** reloads the current page.
- ◆ **Home:** takes you back at any time to the home page of the Wireless Web service provider.
- ◆ **Goto URL:** allows you to manually enter the URL address of a Web page. After entering an address, press the **OK** soft key to go there directly.
- ◆ **Show URL:** displays the URL address of the Web page to which you are currently connected. It also enables you to set the current site as the startup home page or add it to your favorites.

| To | Press the |
|--|--|
| set the current page as your startup home page | Option soft key and select the Save to Home option. |
| set a bookmark for the current page | Option soft key and select the Save to Bookmark option |
| cancel your setting | Back soft key. |

Clear Cache: deletes the information stored in the cache, which stores the most recently accessed Web pages.

Inbox: allows you to read messages received from the web server.

Show Images: displays the images on the web page alone.


Text Message: allows you to compose a text message.

Certificates: allows you to view certificates.



Bookmarks

While navigating the WAP browser, you can bookmark the site to quickly and easily access it at a future time. The URL addresses of the bookmarked sites are stored in the Favorites folder, wherein you can store your favorite URL addresses.

Accessing a WAP Site Using Bookmarks


1. In Idle mode, press the **Menu** soft key to access the menu.
2. Highlight **Media Services** and press the **Select** soft key or the  key.
3. Select **Bookmarks**.
4. Select a bookmark item from the Favorite list and press the **Select** soft key.
5. Select **Go**. You are accessed to the corresponding WAP site.

Storing a URL Address


1. In Idle mode, press the **Menu** soft key to access the menu.
2. Highlight **Media Services** and press the **Select** soft key or the  key.
3. Select **Bookmarks**.
4. Select an **< Empty >** location, and press the **Select** soft key.
5. Enter a name for the bookmark and press the Down navigation. The bookmark name displays in the selected location.
6. Enter the address and press the **Save** soft key.
7. When you have finished, press the  key.

Editing a Bookmark

1. From the **Bookmarks** list, select the bookmark you want to change.
2. Press the **Options** soft key and select **Edit**.
3. Change the address and the name, as you would when storing a new one.

4. Press the **Save** soft key to save the changes.
5. When you have finished, press the  key.

Deleting a Bookmark

1. From the **Bookmarks** list, select the bookmark you want to change.
2. Press the **Options** soft key and select **Delete**.
3. Select **Selected** delete the highlighted bookmark or **All** to delete all bookmarks.
4. Press the **Yes** soft key to confirm the deletion.
5. When you have finished,  press the key.

Sending a Bookmark in a Text Message

1. From the **Bookmarks** list, select the bookmark you want to change.
2. Press the **Options** soft key and select **Send URL**. The URL is pasted in a text message. See “Create New Message” on page 46 for further information about text messaging.


Go to URL

The Go to URL screen allows you to directly type in a web address and load that page without clicking on a link. To visit a web address directly, enter the URL and press the **OK** soft key. For more information on entering text, see “Entering Text” on page 27.

Tip: Use the Symbolic text entry mode (#) to conveniently enter periods and characters such as “/”, “-” or “@”.


Browser Profiles

This menu allows you to select the profile used by the Internet browser. Contact your service provider for details about your Settings options.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Highlight **Media Services** and press the **Select** soft key or the  key.
3. Select **Browser Profiles**.
4. Select the profile you want, press the **Options** soft key, and select **Edit**.

For each profile, the following options are available:



Note: The WAP settings may vary depending on the service provider.

- ◆ **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.
- ◆ **Proxy:** Enable or disable the WAP gateway address required to connect to the Internet.
 - **IP Address:** enter the WAP gateway address required to connect to the Internet.
 - **Port:** enter the Proxy port required to connect to the Internet.
- ◆ **DNS:** Enable or disable DNS for connection to the Internet.
 - **DNS1/2:** IP address of the DNS server.
- ◆ **Bearer:** select the bearer to be used for each type of network address accessed: **GPRS** or **GSM**.
- ◆ **Advanced Settings:** The following options are available in the Advanced Setting submenu, depending on the type of Bearer configured:

- **GPRS**
 - **APN:** enter the access point name used for the address of the GPRS network gateway.
 - **Login ID:** enter the Login ID required to connect to the GPRS network.
 - **Password:** enter the password required to connect to the GPRS network.
- **GSM**
 - **Dial Number:** enter the server phone number.
 - **Login ID:** enter the Login ID required to connect to the GSM network.
 - **Password:** enter the password required to connect to the GSM network.
 - **Data Call Type:** select the data call type: **ISDN** or **Analog**.

Clear Cache

You can clear the information stored in the cache, the phone's temporary memory which stores the most recently accessed Web pages.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Media Services** and press the **Select** soft key or the  key.
3. Select **Clear Cache**.
4. Press the **Yes** soft key to confirm deletion.
5. When you have finished, press the  key.

Rogers Mall

The Rogers mall menu provides a convenient place to download all your ring tunes, games, graphics, and more. In addition, you can view photos that you have put online and surf the Internet.

Get Ring tunes

This menu allows you to download ring tunes from your service provider. Follow the online instructions shown on your display screen. Once you have downloaded ring tunes, they are added to your phone's list of ring tunes. See "Audio" on page 88.

Get Games

This menu allows you to download video games from your service provider. Follow the online instructions shown on your display screen. Once you have downloaded games, they are added to your phone's list of games.

Note: Game services may not be available depending upon your service provider.

Get Graphics

This menu allows you to download new wallpapers from your service provider. Follow the online instructions shown on your display screen. Once you have downloaded graphics, they are added to your phone's list of wallpapers.

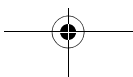
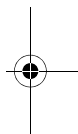
Get Celebrity Voicemail

This menu allows you to download famous celebrity voice mail greetings from your service provider. Follow the online instructions shown on your display screen. Once you have downloaded the audio clips, they are added to your voice mail account.



Get My Pix - Online Album

This menu allows you to view pictures on your phone and post them online. Follow the online instructions shown on your display screen.



Games

You can download and play games already stored on your phone.



Shop Games


You can download more games from the network. A charge may apply. Once you have downloaded games, they are added to your phone's list of games.

Note: Game services may not be available depending upon your service provider.


Launching a Game

Note: The procedures explained below are for the default games. For downloaded games, the procedure may be different.


1. In Idle mode, press the **Menu** soft key to access the menu.
2. Highlight **Games** and press the **Select** soft key or the  key.
3. Scroll to the game you want on the Games list and press the **Options** soft key.
4. Select **Start**.
5. On the startup screen of the game, scroll to an option using the Navigation keys and press  to confirm your selection.

| While you are playing a game, to | Press the |
|----------------------------------|--|
| adjust the sound volume | Volume keys |
| exit the game |  key. |


Viewing Game Information

1. In Idle mode, select **Menu 6** for **Games**.
2. Scroll to the game you want and press the **Options** soft key.
3. Scroll to **Properties** and press the  key.

The display shows information about the game, such as the file size, application version and its vendor.

4. To exit and return to the Options screen, press the **OK** soft key or the  key.

Deleting Games

1. Scroll to the game you want to delete and press the **Options** soft key.
2. Scroll to **Delete** and press the  key.
3. Confirm that you want to delete the game by pressing the **OK** soft key.

Note: When you select the default games from the list, the **Delete** option is not available, so that you cannot delete them.

Applications

Applications enable you to:

- ◆ set an alarm so that the phone rings at a specific time, such as to remind you of an appointment.
- ◆ view the calendar and organize your schedule.
- ◆ use the phone as a calculator for basic mathematical equations or currency exchange operations.
- ◆ record audio.
- ◆ view times in different parts of the world.
- ◆ use a timer or stopwatch.

Alarm

In Idle mode, press **Menu 7.1** to start the Alarm feature. This feature allows you to:

- ◆ set the alarm to ring at a specific time.
- ◆ set the phone to switch on automatically and ring the alarm even if the phone is switched off.


The following options are available:

- ◆ **Wake-up Call**: this alarm type repeats daily on a specified range of days in the week.
- ◆ **Alarm 1/2**: this alarm type occurs only once or repeats daily.
- ◆ **Auto Power**: when this option is set to **On**, the alarm rings at the specified time, even if the phone is switched off. If the menu option is set to **Off** and the phone is switched off at the specified time, the alarm does not ring.

To set an alarm or wake-up call:

1. Choose the type of alarm to be set and press the **Select** soft key.
2. Enable or disable the **Alarm** by pressing the Left or Right navigation keys.
3. Press the Down navigation key to select **Alarm Time**. Use the numeric keys to enter the time for the alarm to sound.

Your phone is preset to use 12-hour format. To change the format, see "Reset Settings" on page 110.

4. Press the Down navigation key to select **AM/PM**, if necessary. Select AM or PM for 12-hour format by pressing the Left or Right navigation keys.
5. Press the Down navigation key to select **Repeat**. Select **Once**, **Everyday**, **Except Weekend** or **Except Sunday** by pressing the Left or Right navigation keys.
6. Press the Down navigation key to select **Alarm Tone**. Press  to display the available audio folders. See "Multimedia" on page 88 for further information about playing and selecting ring tones, downloaded audio, and recorded audio.
7. To stop the alarm or wake-up call when it rings, open the folder and press the **Confirm** or **Snooze** soft key.

Calendar

With the Calendar feature (**Menu 7.2**), you can:

- ◆ consult the calendar to check your memos.
- ◆ write memos to keep track of your schedule.
- ◆ set an alarm to act as a reminder.

Consulting the Calendar

When you select the Calendar menu, the calendar appears with today's date highlighted. The following options are available when you press the **Options** soft key:


- ◆ **View Mode:** changes how the calendar is displayed: **Day View**, **Week View** or **Month View**.
- ◆ **Create:** allows you to create the following types of calendar entries. See "Writing a Calendar Entry" on page 82 for further information:
 - **Schedule:** Indicates an event at a specific time and place.
 - **Anniversary:** Indicates a special occasion.
 - **Memo:** Indicates a saved text memo.
 - **Task:** Indicates an activity at a specific time.
- ◆ **Go to:** allows you to go to a specific date: **Today** or **Date**.
- ◆ **Sort by:** allows you to view a list of all **Schedule**, **Anniversary**, **Memo**, or **Task** entries.
- ◆ **Delete:** allows you to delete entries according to the following criteria: **Selected**, **Periods**, **This Month**, or **All**.
- ◆ **Missed Alarm Events:** shows you all missed alarm events.
- ◆ **Memory Status:** shows you the number of calendar entries used in the different categories (Schedule, Anniversary, Memo and Task).

Writing a Calendar Entry




You can create up to 100 calendar entries. To write or edit a calendar entry on a specific date:

1. Select a date on the calendar, using the Navigation keys.

To skip to the previous or next month, press the Volume keys on the left side of the phone.

2. Press the  key.
A Day View screen displays showing the day's entries.
3. Press the **Options** soft key and select **Create**. Choose the type of entry: **Schedule**, **Anniversary**, **Memo**, or **Task**.
4. Enter the entry information. Press the Down navigation key to select each option.

Note: Depending on the type of entry, not all options will be available.

- ◆ **Subject/Occasion/Memo/Task:** Enter text describing the event. See "Entering Text" on page 27 for further information.
 - ◆ **Details:** Enter additional information, if required.
 - ◆ **Start Date:** Enter the start date. Use the numeric keys to enter the numbers for dates and times.
 - ◆ **Start Time:** Enter the start time.
 - ◆ **AM/PM:** selects whether the start time is in the AM or PM.
 - ◆ **End Date/Due Date:** Enter the end date for the event or due date for the task.
 - ◆ **End Time:** Enter the end time.
 - ◆ **AM/PM:** selects whether the end time is in the AM or PM.
 - ◆ **Location:** Enter text describing the location.
 - ◆ **Alarm:** Press the  key to enable or disable the alarm. If enabled, you can select the alarm tone as well as the time prior to the event. Press the  key to select a different alarm tone. See "Sound Settings" on page 99 for further information about alarm tones.
 - ◆ **Select Priority:** For tasks, press the Left or Right navigation key to select a priority.
 - ◆ **Repeat/Repeat Every Year:** Press the  key to enable or disable the repeat. Depending on the type of entry, you can configure the repeat period by pressing the Left or Right navigation key.
5. Press the **Save** soft key to save the calendar entry.

The corners of the date on the calendar change to indicate that a calendar entry exists for that date.

Viewing a Calendar Entry


When you select a day for which a calendar entry already exists, the latest entry for the day displays.


If more than one entry is stored, press the Up or Down navigation key to scroll to the previous or next entry. You can use the following options by pressing the **Options** soft key:

- ◆ **View:** allows you to view the highlighted entry details.
- ◆ **Create:** allows you to create a new entry for the highlighted date.
- ◆ **Send via:** allows you to send the highlighted entry in text or multimedia message.
- ◆ **View Mode:** changes how the calendar is displayed: **Day View**, **Week View** or **Month View**.
- ◆ **Sort by:** allows you to view a list of all **Schedule**, **Anniversary**, **Memo**, or **Task** entries.
- ◆ **Delete:** allows you to delete entries according to the following criteria: **Selected**, **This Day**, or **All**.
- ◆ **Missed Alarm Events:** shows you all missed alarm events.
- ◆ **Memory Status:** shows you the number of calendar entries used in the different categories (Schedule, Anniversary, Memo and Task).

Calculator

With this feature (**Menu 7.3**), you can use the phone as a calculator. The calculator provides basic arithmetic functions; addition, subtraction, multiplication and division.

1. Enter the first number using the numeric keys.
 - ◆ To delete mistakes or clear the display, press the  key.
 - ◆ To include a decimal point or a bracket, press the left soft key until the symbol you want displays.
2. Use the navigation key to select the operations that you want:
+ (addition), - (subtraction), X (multiplication), ÷ (division).

3. Enter the second number.
4. To view the result, press the  key.
5. Repeat steps 1 to 4 as many times as required.

Record Audio

With this feature (**Menu 7.4**), you can record audio samples for use in ring tones, multimedia messages, as well as personal reminders. See "Audio" on page 88 for further information.

Converter

Using the Converter menu (**Menu 7.5**), you can easily determine many unit conversions (length, weight, volume, area, temperature) as well as currency conversions.

1. Select the conversion type and press the **Select** soft key:
 - ◆ Currency
 - ◆ Length
 - ◆ Weight
 - ◆ Volume
 - ◆ Area
 - ◆ Temperature
2. Press the Left or Right navigation key to select the original unit type (From) and press Down to select the next field.

If you selected Currency, you can view the exchange rates by pressing the **View rate** soft key.
3. Enter the amount to convert.

Use the * key to insert a decimal. Use the # key to change between positive (+) numbers and negative (-) numbers.
4. Press Down to select the next field.




5. Press the Left or Right navigation key to select the new unit type (To) and press Down to select the next field.

The converted value is displayed.

6. Press the **Back** soft key to calculate a new value.



Timer

The Timer application (**Menu 7.6**) allows you to create a digital countdown.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Applications**. Highlight **Timer** and press the **Select** soft key or the  key. The Timer screen appear in the display.
3. Press the **Set** soft key.
4. Using the numeric keys, enter the amount of time that you wish to countdown from and press the **OK** soft key. Press the  key to start timer.
5. Press the  key to stop or restart timer.

Stopwatch

The Stopwatch application (**Menu 7.7**) allows you to use your phone as a stop watch.

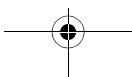
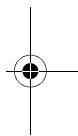
1. Press the  key to start the stopwatch. You can take up to four laptimes by pressing the  key.
2. Press the **Reset** soft key to erase all stop watch times recorded.

World Time

The World Time (**Menu 7.8**) allows you to view the time of day or night in any part of the world.



1. Use the navigation keys to scroll through different time zones. For each time zone, a major city is displayed.
2. You can choose the following options by pressing the **Options** soft key:
 - ◆ **Save:** Change the home time zone in the display.
 - ◆ **Set Daylight Saving Time:** Select daylight savings time for the displayed time zone.



Multimedia

The Multimedia menu is used to manage your collection of audio clips, graphics, downloaded video, and other files.

Audio

In this menu (**Menu 8.1**), you can select a new ringtone from your collection of pre-provided and downloaded ring tones. In addition, you can record audio clips.




Shop Tones

This menu allows you to download ring tones from your service provider. Follow the online instructions shown on your display screen. Once you have downloaded ring tones, they are added to your phone's list of ring tones. See "Audio" on page 88.

Downloaded Audio

This menu allows you to view and select audio clips that you have downloaded from your service provider.

To select a ringtone:

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Multimedia** and press the **Select** soft key or the  key.
3. Select **Audio** and press the **Select** soft key or the  key.
4. Select **Downloaded Audio** and press the **Select** soft key or the  key.
5. Using the navigation keys highlight the desired ring tune.
6. Press the **Options** soft key, and select **Set as** and select **Ringtone**.
7. Press **Yes** to confirm your selection.

By pressing the **Options** soft key, you can use the following options:






Multimedia
88

- ◆ **Play:** plays the audio file.
- ◆ **Send via MMS:** allows you to send the audio file as part of a multimedia message. For more information, see "Multimedia Message" on page 56.
- ◆ **Set as:** allows you to use the audio clip as either a **Ringtones** or a **Caller ID**.
- ◆ **Delete:** deletes either the selected audio file or all audio files.
- ◆ **Rename:** allows you to change the name of the sound.
- ◆ **Move to Favorite Audio:** moves the file to your Favorite Audio folder.
- ◆ **Protection:** allows to you protect the audio clip from accidental deletion.
- ◆ **Properties:** displays the properties of the audio file.

Record




You can record audio clips using your phone's microphone. After recording, you can send the audio clip to other people using multimedia messaging.

This menu allows you to record a new memo.


1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Multimedia** and press the **Select** soft key or the  key.
3. Select **Audio** and press the **Select** soft key or the  key.
4. Select **Record** and press the **Select** soft key or the  key. The Record Audio menu appears.
5. Press  to start recording. Press  to pause and restart your recording.
6. When you are finished, press the Down navigation key to stop recording.
7. If you want to re-record the clip, repeat step 5. To save the clip, press the **Back** soft key.

Note: If you want to save the clip immediately after recording, press the Down navigation key to stop recording and save the clip.


Reviewing a Recorded Audio

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Multimedia** and press the **Select** soft key or the  key.
3. Select **Audio** and press the **Select** soft key or the  key.
4. Select **Recorded Audio** and press the **Select** soft key or the  key. A list of recorded audios display.

Note: You can quickly change audio folders by pressing the Left or Right navigation keys


5. Scroll to an audio file. Press the  key to play the audio clip.
You can use the navigation keys to control playback:
 - ◆ Left / Right: previous/next track.
 - ◆ Down: stop playback.
6. Press the **Options** soft key to display the following.
 - ◆ **List:** displays the audio clips folder.
 - ◆ **Send via MMS:** allows you to send the clip in a multimedia message.
 - ◆ **Set as:** allows you to use the audio clip as either a **Ringtone** or a **Wake-up Call**.
 - ◆ **Delete:** allows you to delete the selected audio clip or all the audio clips.
 - ◆ **Rename:** allows you to change the name of the audio clip.
 - ◆ **Move to Favourite Audio:** moves the audio clip to the favorites audio clip folder.
 - ◆ **Protection:** allows to you protect the audio clip from accidental deletion.

◆ **Properties:** allows to you view information about the audio clip.

7. When you have finished, press the  key.

Deleting Recorded Audios

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

1. Enter the **Recorded Audio** menu and select the audio file you want to delete.
2. Press the **Options** soft key.
3. Select **Delete** and then select either **Selected** or **All**.
4. Press the **Yes** soft key to confirm deletion.
5. When you have finished, press the  key.

Favorite Audio



The Favorite Audio folder stores your most popular Downloaded Audio and Favorite Audio files. Scroll through the list of files using the navigation keys and press the **Options** soft key to display the following:

- ◆ **Play:** plays the currently-highlighted audio file.
- ◆ **Send via MMS:** allows you to send the audio file in a multimedia message.
- ◆ **Set as:** allows you to use the audio file as either a **Ringtone** or a **Caller ID**.
- ◆ **Delete:** allows you to delete the selected audio file or all the audio file in the Favorite Audio folder.
- ◆ **Rename:** allows you to change the name of the audio file.
- ◆ **Move to Voice List:** moves the audio file to the Voice List folder.
- ◆ **Move to Downloaded Audio:** moves the file to your Downloaded Audio folder.
- ◆ **Protection:** allows to you protect the audio file from accidental deletion.
- ◆ **Properties:** allows to you view information about the audio file.


Graphics

In this menu (**Menu 8.2**), you can download new images, or select a new wallpaper image from your collection of pre-provided and downloaded pictures. In addition, you can send the images to other phones.

To select an image as wallpaper:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Multimedia** and press the **Select** soft key or the  key.
3. Select **Graphics** and press the **Select** soft key or the  key.
4. Select one of the following options:
 - ◆ **Shop Graphics**: allows you to download new graphics.
 - ◆ **Downloaded Graphics**: allows you view and use downloaded wallpaper.
 - ◆ **Favorite Graphics**: allows you to view and use wallpaper stored in your favorites folder.

Note: The Shop Graphics option allows you to download graphics and wallpaper from your service provider.

5. Using the navigation keys highlight the desired image and press the  key.
6. Press the **Options** soft key, and select **Set as** and select **Wallpaper**.
7. Press **Yes** to confirm your selection.

By pressing the **Options** soft key, you can use the following options:

- ◆ **View**: displays the image.
- ◆ **Send via MMS**: allows you to send the image as part of a multimedia message. For more information, see "Multimedia Message" on page 56.
- ◆ **Set as**: sets the image as either your **Wallpaper** or **Caller ID**.

- ◆ **Delete:** deletes either the selected image or all the images.
- ◆ **Rename:** allows you to change the name of the image.
- ◆ **Move to Favorite Graphics/Downloaded Graphics:** moves the image to the displayed folder.
- ◆ **Protection:** allows you to protect the image from accidental deletion.
- ◆ **Properties:** displays the properties of the wallpaper graphic.

Video

In this menu (**Menu 8.3**), you can view videos from your collection of pre-provided and downloaded videos.

Other Files

In this menu (**Menu 8.4**), you can view files from your collection of pre-provided and downloaded files.

Memory Status

This menu (**Menu 8.5**) shows the amount of memory for photographs, video clips, audio clips and other files.



The display shows you the total, free and used space including the number of multimedia files you recorded and the total number of multimedia files you can additionally create.

Settings

Many different features of your phone can be customized to suit your preferences. All of these features are accessed in the Settings menu.

Time & Date

Use this menu (**Menu 9.1**) to configure the settings for the time and date display.

1. In Idle mode, press the **Menu** soft key to access the menu.
2. Select **Settings** and press the **Select** soft key or the  key.
3. Select **Time & Date** and press the **Select** soft key or the  key.
4. Select the setting you wish to change. Press the Up or Down navigation keys to switch between options.

- ◆ **Set Time:** You can enter the current time. Use the numeric keypad to type in the time.
- ◆ **AM/PM:** You can select either **AM** or **PM** for the current time, if the Time Format is set to 12 Hours. Press Left or Right navigation key to switch between AM and PM.
- ◆ **Time Format:** You can change the time format to **12 Hours** or **24 Hours**. Press Left or Right navigation key to switch between time formats.
- ◆ **Set Date:** You can enter the month, day, and year. Use the numeric keypad to type in the time.
- ◆ **Starting Day of Calendar:** You can have the calendar start on either **Sunday** or **Monday**. Press Left or Right navigation key to switch between start days.
- ◆ **Auto Update:** You can receive time information from your service provider's network.
 - **Off:** you need to manually set the time and date according to the current time zone using the Set Time menu.
 - **On:** the phone automatically updates the time and date according to the current time zone using the network service.

- **Confirm First:** the phone asks for a confirmation before the update.

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

Phone Settings


Use this menu (**Menu 9.2**) to configure the settings for how the phone operates.

Language

You can select a display language: **Automatic**, **English**, or **Français**. When the language option is set to **Automatic**, the language is automatically selected according to the language of the SIM card used.

Greeting Message

This menu allows you to set a greeting to be displayed briefly when the phone is switched on.


| To | Press the |
|----------------------------|--|
| clear the existing message |  key and hold it down until the message is cleared. |
| enter a new message | appropriate alphanumeric keys. |
| change the text input mode | right soft key. |

For further details, see “Entering Text” on page 27.


Short Cut

The Navigation keys can be used as shortcut keys. In Idle mode, they allow you to access specific menus directly.

To assign a shortcut to a key:

1. Select the key to be used as a shortcut key by pressing the Up, Down, Left, or Right navigation key and then press the **Options** soft key.
2. Select an option:
 - ◆ **Change**: allows you to select a menu to assign from the list. Use the Up and Down navigation keys to select the menu and then press the **Select** soft key.
 - ◆ **Remove**: deactivates the selected shortcut key.
 - ◆ **Remove All**: deactivates all the shortcut keys.
3. When you have finished, press the  key.



Extra Settings


You can turn the automatic redialing or answering features on or off. Scroll through the list of extra settings using the navigation keys, and press  to check or uncheck each feature.

The following options are available:

- ◆ **Auto Redial**: when this option is checked, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.

Note: The interval between two attempts varies.

- ◆ **Open to Answer**: when this option is checked, you can simply open the folder to answer a call. When it is unchecked, you must open the folder and press a key to answer a call, depending on the setting of the Anykey Answer option. See below.
- ◆ **Anykey Answer**: when this option is checked, you can answer an incoming call by pressing any key, except the  key and the **Reject** soft key. To reject the call, press the  key or the **Reject**

soft key. When this option is unchecked, you can only press the  key or **Accept** soft key.

Display Settings

In this menu (**Menu 9.3**), you can change various settings for the display or backlight.


Info Display

This menu allows you to change the background image or the color of the text to be displayed in Idle mode.

The following options are available:

- ◆ **Shop Graphics:** allows you to download graphics from your service provider. See “Get Graphics” on page 76.
- ◆ **Wallpaper List:** you can select a background image to be displayed on the Idle screen.
- ◆ **Text Position:** you can specify the location of text displayed on the Idle screen (**Top**, **Bottom**, or **Off**).
- ◆ **Text Mode:** you can specify the visual style of text on the Idle screen (**Outline**, **Shadow**, or **Normal**).
- ◆ **Text Color:** you can select the color of the text to be displayed on the Idle screen (**White**, **Yellow**, **Blue**, **Green**, **Red**, or **Black**).
- ◆ **Graphic Logo:** you can specify the appearance of graphic logos on the Idle screen (**On** or **Off**).

To change the background image:

1. In the **Info Display** menu, press the Down navigation key to select **Wallpaper List**.
2. Press the  key and select a folder: **Default Wallpapers**, **Downloaded Graphics**, or **Favorite Graphics**.

Note: You can change folders by pressing the Left or Right navigation keys.

3. Press Up or Down navigation keys to select the image you want and press the **Options** soft key.
4. Select **View** to display the image or **Select** to accept the image.
5. Press the **Save** soft key to save all changes and use the new image as the background.

Skin

This menu allows you to change the color of the menus. To select a color, select the pattern using the Up or Down navigation keys and press the **OK** soft key.

LCD Brightness

You can adjust the Main LCD display brightness to see it better in different lighting conditions.

Press the Left or Right navigation keys or press the Volume keys to adjust the brightness. To accept the changes, press the **OK** soft key.

Contrast

You can adjust the contrast of the Main and Front LCD displays to see them better in different lighting conditions.

Select the display to configure. Press the Left or Right navigation keys or press the Volume keys to adjust the contrast. To accept the changes, press the **OK** soft key.

Back Light

You can select the length of time the backlight is on. The backlight turns on when you press a key or receive a call or message and remains on for the specified length of time.

Press the Up or Down navigation key to switch between options:

- ◆ **Main LCD On:** Press the Left or Right navigation keys or press the Volume keys to change the time that the screen remains fully lit.

- ◆ **Main LCD Dim:** Press the Left or Right navigation key or press the Volume keys to change the time that the screen remains on but not fully lit.

Dialing Display

You can change the color of the numbers as they are entered into the display. Press the Left or Right navigation keys to select **Basic** or **Rainbow** text.

Sound Settings

You can use the Sound Settings menu (**Menu 9.4**) to customize various settings, such as the:

- ◆ ring melody, volume and type.
- ◆ sounds made when you press a key, receive a message, open/close the folder or switch your phone on or off.
- ◆ alert tone made every minute during a call, when you make an error or when your call is connected.

Incoming Call

This menu allows you to select a ring melody for incoming calls. You can choose between many different melodies. If you have downloaded additional ring tunes, you can access them in this menu.

Keypad Tone

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

Message Tone

This menu allows you to select how the phone informs you that a new message has been received. You can select a different type of tone for different kinds of messages.

For each type of message tone (**Text Message**, **Multimedia Message** or **Broadcast**), the following options are available:

- ◆ **Tone:** you can select a message tone: **MSG Tone1** to **MSG Tone10**.

- ◆ **Mode:** you can select a type of message alert.
 - **Tone:** the phone sounds the selected message tone.
 - **Vibration:** the phone vibrates.
 - **Off:** the phone does not use the message tone.
- ◆ **Repetition:** you can select how often the phone informs you of a new message.
 - **Once:** the phone alerts you to a new message just once at the time of its receipt.
 - **Every 2 Min.:** the phone alerts you to a new message every 2 minutes until you open the message.

Power On/Off

This menu allows you to select the melody that the phone sounds when it is switched on and off. Select either **Tone 1** or **Tone 2**. To turn the sound off, select **Off**.

Folder Tone

This menu allows you to select the tone that the phone sounds when you open or close the folder. Select either **Tone 1** or **Tone 2**. To turn the sound off, select **Off**.

Quiet Mode

This menu allows you to enable or disable vibration when the phone is in quiet mode. Select either **Vibration All** or **Silent All**.

Extra Tones

You can customize additional tones used for the phone. Scroll through the list of extra tones using the navigation keys, and press to check or uncheck each feature.

The following options are available:

- ◆ **Error Tone:** sets whether or not the phone informs you when you make a mistake.
- ◆ **Minute Minder:** sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.

- ◆ **Connection Tone:** sets whether or not your phone beeps when your call is connected.
- ◆ **Alerts on call:** indicates you have a scheduled alert when you are on the phone.
- ◆ **Indicative Tone:** generates a tone whenever a pop-up window appears on screen.

Network Services

You can customize the settings for network features, such as call forwarding, call barring, and call waiting.

Call Forwarding

Call forwarding enables incoming calls to be rerouted to a number that you specify. For example, you could forward your business calls to a colleague while you are on holidays.

You can use the following options to forward voice calls and/or data calls:

- ◆ **Forward Always:** all calls are forwarded.
- ◆ **Busy:** calls are forwarded when you are already on another call.
- ◆ **No Reply:** calls are forwarded when you do not answer the phone.
- ◆ **Unreachable:** calls are forwarded when you are not in an area covered by your service provider.
- ◆ **Cancel All:** all call forwarding options are canceled.

To set your call forwarding options:

1. Select a call forwarding option by pressing the Up or Down navigation key, and then press the **Select** soft key.
2. Select the type of calls, **Voice Calls** or **Data Calls**, by pressing the Up or Down navigation key, and then press the **Select** soft key.

The current status displays. If the option has already been set, the number to which the calls are forwarded displays.

| To | Select |
|----------------------------|-------------------|
| activate call forwarding | Activate |
| deactivate call forwarding | Deactivate |

3. In the Forward to field, enter the number to which the calls are to be forwarded and press the **Select** soft key.

To enter an international code, press the **0** key until the **+** sign displays.

The phone sends your settings to the network and the network's acknowledgement displays.

You can deactivate all call forwarding settings by selecting the **Cancel All** option.

Call Barring

The Call Barring service allows you to restrict different types of calls from being made or received. For example, you could restrict all voice calls being made to International phone numbers. For each option, you can restrict whether to ban voice calls or data calls. The following call-barring options are available:

- ◆ **All Outgoing:** bars this phone from making outgoing calls.
- ◆ **International:** bars this phone from making calls to international numbers.
- ◆ **International Except to Home:** bars this phone from making international calls except to home.
- ◆ **All Receiving:** blocks all incoming calls.
- ◆ **Receiving While Abroad:** blocks all incoming calls when abroad
- ◆ **Cancel All:** clears your call barring options.
- ◆ **Change Barring Password:** allows you to change the password used to set your call barring options.

To set your call barring options:

1. Select the type of calls you want to bar by pressing the Up or Down navigation key, and then press the **Select** soft key.
2. Select whether you want to bar **Voice Calls** or **Data Calls**, and then press the **Select** soft key.

The screen informs you whether call barring is activated or deactivated.

3. Activate or deactivate the call barring feature as necessary by selecting either **Activate** or **Deactivate**.
4. Enter your phone password. For more details about your phone's password, see See "Change Password" on page 108.
 - ◆ To return to the previous screen, press the **Back** soft key.
 - ◆ You can also deactivate all call barrings by selecting the **Cancel All** option.

Call Waiting

The Call Waiting service informs you when someone is trying to reach you during another call. You can specify individual call waiting option for voice calls and/or data calls:

To set your call waiting options:

1. Select the type of calls, voice or data, to which you want to apply the call waiting option by pressing the Up or Down navigation key, and then press the **Select** soft key.

The screen informs you whether call waiting is activated or deactivated.

2. You can activate or deactivate the call waiting feature as necessary by selecting either **Activate** or **Deactivate**.

To return to the previous screen, press the **Back** soft key. You can also deactivate all call waiting settings by selecting the **Cancel All** option.

Network Selection

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

Note: You can select a network other than your home network only if there is a valid roaming agreement between them.

To automatically or manually connect to a network when roaming:

1. In the Network Selection menu, select either **Automatic** or **Manual** and press the **OK** soft key.

If you select **Automatic**, you are connected to the first available network when roaming.

If you select **Manual**, the phone scans for the available networks. Go to step 2.

2. Press the Up or Down navigation keys until the network you want is highlighted and then press the **OK** soft key.

You are connected to that network.

Caller ID

You can prevent your phone number from being displayed on the phone of the person being called.

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

The following options are available:

- ◆ **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.

Closed User Group

This network service allows incoming and outgoing calls to be restricted to a selected user group. You can create up to ten user groups. For details on how to create and use a closed user group, contact your service provider.

Example: A company lends SIM cards to its employees and wants to restrict outgoing calls to members of the same team.

Activating a Closed User Group

If you select the **Closed User Group** menu, you can enter the CUG function. You can now access the following options after pressing the **Select** soft key:

| To | Press the |
|---|----------------|
| scroll through the existing CUG indexes | Up or Down key |

| To | Press the |
|----------------------|--|
| add a new CUG index | Options soft key, select the Add option and enter the index. |
| delete a CUG index | Options soft key and select the Delete option. |
| activate a CUG index | Options soft key and select the Activate option. |

- ◆ **Index List:** lets you list, add or delete CUG index numbers. The list of current CUG indexes appears. Add a new CUG index as advised by your service provider or delete a selected group.
- ◆ **Outside Access:** lets you enable or disable calls to numbers other than those in the Closed User Group. This feature depends on the nature of your CUG subscription. Please check with your service provider.
- ◆ **Default Group:** you may set a default CUG with your service provider. If you have done so, you can enable the Default Group option on your phone. When making a call, you are given the option of using your default CUG, instead of selecting one from the list.

Security

The Security feature enables you to restrict the use of your phone to others and the types of calls. Various codes and passwords are used to protect the features of your phone. They are described in the following sections. Also see "Access Codes" on page 114.

PIN Check

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

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

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.

Change PIN

This feature allows you to change your current PIN to a new one, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one. Once you have entered a new PIN, you are asked to confirm it by entering it again.

Phone Lock

When the Phone Lock feature is enabled, the phone is locked and you must enter an 8-digit phone password each time the phone is switched on.

The password is preset to "00000000" at the factory. To change the phone password, see the **Change Password** menu (**Menu 9.6.4**) below.

Once the correct password has been entered, you can use the phone until you switch it off.

The following options are available:

- ◆ **Disable:** you are not asked to enter the phone password when you switch the phone on.
- ◆ **Enable:** you are required to enter the phone password when you switch the phone on.

Change Password

The Change Password feature allows you to change your current phone password to a new one. 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.

Privacy

Using this menu, your phone's menus become password-protected, although you can make calls normally. Contacts, downloaded content, phone settings and stored messages are all protected. Once you have enabled privacy, you must enter the phone password to access the menus. When the phone asks for the phone password, enter the password and press the **OK** soft key.

The following options are available:

- ◆ **Disable:** you can access the menus normally.
- ◆ **Enable:** you can access the menus only after entering your password.

Note: The password is preset to "00000000" at the factory. To change this password, see page 108.

SIM Lock

When the SIM Lock feature is enabled, your phone only works with the current SIM card.

- ◆ To enable the SIM lock, you must enter the current SIM lock code. Once you have entered the SIM lock code, you must confirm by entering it again.
- ◆ To unlock your SIM card, you must re-enter the SIM lock code.

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.

The following options are available:

- ◆ **Disable:** you can call any number.
- ◆ **Enable:** you can only call phone numbers stored in the FDN address book. The FDN address book is a separate address book and is managed separately from the normal Address Book. Address Book. You must enter your PIN2.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display. Furthermore, PIN2 is specific to a SIM card and you will need to ask the issuer of the SIM card for the PIN2 code.

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. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

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

Connection Settings

You can customize the profiles containing the settings for connecting your phone to the network. These settings are used for the WAP browser and sending MMS messages.

Note: Your phone connects to the network by default. If you change the MMS settings without first checking with your service provider, the WAP and MMS features may not work properly.

See “Browser Profiles” on page 74 for configuration information.

Reset Settings

You can easily reset your phone to its default settings. To reset your phone:

1. Select one or more of the following reset options:
 - ◆ **All Settings:** resets all configuration options to their default values.
 - ◆ **Phone Settings:** resets only phone options to their default values.
 - ◆ **Display Settings:** resets only display options to their default values.
 - ◆ **Sound Settings:** resets only sound options to their default values.
2. Press the **Reset** soft key.
3. Enter the 8-digit phone password and press the **Yes** soft key.

Note: : The password is preset to "00000000." To change this password, see page 108.

Solving Problems

If you are experiencing problems with your phone, perform the following simple checks before contacting a service professional. This may save you the time and expense of an unnecessary service call.

When you switch your phone on, the following messages may appear:

Insert SIM Card

- ◆ Check that the SIM card is correctly installed.

Phone Locked Enter Password

- ◆ The automatic locking function has been enabled. You must enter the phone's password before you can use the phone. The factory preset code is "00000000".

Enter PIN

- ◆ You are using your phone for the first time. You must enter the Personal Identification Number (PIN) supplied with the SIM card.
- ◆ The PIN Check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN Check** menu (**Menu 9.6.1**).

Enter PUK


- ◆ The PIN code was entered incorrectly three times in succession and the phone is now blocked. Enter the PUK supplied by your service provider. There is a PUK1 and a PUK2 code. Please make sure you know which one is locked and apply the correct PUK code.

"No service," "Network failure" or "Not done" displays


- ◆ The network connection was lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Move and try again.

- ◆ You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialed

- ◆ Have you pressed the  key?
- ◆ Are you accessing the right cellular network?
- ◆ Is Call Barring turned on? (see “Call Barring” on page 103 for more details)

Your correspondent cannot reach you

- ◆ Is your phone switched on (the  key pressed for more than one second)?
- ◆ Are you accessing the right cellular network?
- ◆ Is Call Barring turned on? (see “Call Barring” on page 103 for more details)
- ◆ Has your phone been call forwarded to another number?




Your correspondent cannot hear you speaking

- ◆ Have you switched off the microphone?
- ◆ Are you holding the phone close enough to your mouth? The microphone is located at the bottom of the phone.

The phone starts beeping and “**Warning** Low Battery” flashes on the display

- ◆ Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

- ◆ Check the signal strength indicator on the display (); the number of bars indicates the signal strength from strong () to weak ().
- ◆ Try moving the phone slightly or move closer to a window if you are in a building.

No number is dialed when you recall an Phone Book entry

- ◆ Check that the number has been stored correctly, by using the Phone Book Search feature.
- ◆ Re-store the number, if necessary.


If the above guidelines do not help you to solve the problem, take note of:

- ◆ the model and serial numbers of your phone
- ◆ your warranty details
- ◆ a clear description of the problem

Then contact your local dealer or Samsung after-sales service.

Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use.

When requested for any of the codes explained below, enter the appropriate code (displayed as asterisks) and press the **OK** soft key. If you make a mistake, press the  key one or more times 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 menu (**Menu 9.6**). See page 110 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 911, so that you do not accidentally dial 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 | See |
|---------------------------------------|--|
| enable/disable the Phone Lock feature | "Phone Lock" on page 107 (Menu 9.6.3). |
| change the phone password | "Change Password" on page 108 (Menu 9.6.4). |

PIN

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

If you enter an incorrect PIN three times in succession, the code is disabled and cannot be used until you re-enable it by entering the PUK (see below).

| To | See |
|--------------------------------------|---------------------------------|
| enable/disable the PIN Check feature | page 107 (Menu 9.6.1). |
| change the PIN | page 107 (Menu 9.6.2). |

PUK

The 8-digit PUK (PIN Unblocking Key) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

To re-enable your PIN:

1. Enter the PUK and press the **Yes** soft key.
2. Enter a new PIN of your choice and press the **Yes** soft key.
3. When the Confirm New PIN message displays, enter the same code again and press the **Yes** soft key.

If you enter an incorrect PUK ten times in succession, the SIM card becomes invalid. Contact your service provider for a new card.

PIN2

The PIN2 (4 to 8 digits), supplied with some SIM cards, is required to access specific functions, such as setting the maximum cost of a call. These functions are available if supported by your SIM card. If you enter an incorrect PIN2 three times in succession, the code is disabled and you cannot access the functions until you re-enable it by entering the PUK2.

To change the PIN2, see page 109 (**Menu 9.6.8**).

PUK2

The 8-digit PUK2 (PIN Unblocking Key 2), supplied with some SIM cards, is required to change a disabled PIN2. If you lose the code, contact your service provider.

To re-enable your PIN2:

1. Enter the PUK2 and press the **Yes** soft key.
2. Enter a new PIN2 of your choice and press the **Yes** soft key.
3. When the Confirm PIN2 message displays, enter the same code again and press the **Yes** soft key.

If you enter an incorrect PUK2 ten times in succession, you will not be able to access the functions requiring the PIN2. Contact your service provider for a new card.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit recommended by the FCC is 1.6W/kg.*

SAR tests are conducted using standard operating positions specified 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 of the phone.

-
- *. In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Before a new model phone is available for sale to the public, it must be tested and certified by the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of [http:// www.fcc.gov/oet/fccid](http://www.fcc.gov/oet/fccid) after searching on FCC ID printed in the label on the phone.

For Body Operation

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum from the body.

The minimum distance from the body for this model phone is written in the FCC certification information. Non-compliance with the above conditions may violate FCC RF exposure guidelines.

For more Information concerning exposure to radio frequency signals, see the following websites:

- ◆ Federal Communications Commission (FCC)
 - <http://www.fcc.gov>
- ◆ Cellular Telecommunications Industry Association (CTIA):
 - <http://www.wow-com.com>
- ◆ U.S. Food and Drug Administration (FDA)
 - <http://www.fda.gov/cdrh/consumer>

- ◆ World Health Organization (WHO)
 - <http://www.who.int/peh-emf/en>

Precautions When Using Batteries

- ◆ 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.
- ◆ Battery charging time depends on the remaining battery charge, the type of battery and the 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.
- ◆ 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 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. Shortcircuiting the terminals may damage the battery or the object causing the short-circuiting.
- ◆ Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

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).

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 Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

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. 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 the areas below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example). Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the <Send> key.

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

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

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 air bag inflates with great force. Do not place 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 phones in aircraft is illegal unless permitted 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, legal action, or both.

Care and Maintenance

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

- ◆ Keep the phone and all its parts and accessories out of reach of small children.
- ◆ Keep the phone dry. Precipitation and humidity contain minerals that may 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 or dirty areas. Moving parts may become damaged or clogged.
- ◆ 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.

FCC Notice

Cautions

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received.

Including interference that may cause undesired operation.

Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/ TV technician for help.

Appendix A: CERTIFICATION INFORMATION (SAR)

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on safety

standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg^{**}. 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 by the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR values of this model phone as reported to FCC are:

GSM 850

- ◆ Head: 1.27 W/Kg.
- ◆ Body-worn: 1.02 W/Kg.

^{**}. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

PCS 1900

- ◆ Head: 0.624 W/Kg.
- ◆ Body-worn: 0.312 W/Kg.

Body-worn operations are restricted to Samsung-supplied, approved or non-Samsung designated accessories that have no metal and must provide at least 1.5cm separation between the device, including its antenna whether extended or retracted, and the user's body. Non-compliance to the above restrictions may violate FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone (x507) is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid>.

Appendix B: Safe and Responsible Wireless Phone Use

Cellular Telecommunications & Internet Association
"Safety is the most important call you will ever make."

A Guide to Safe and Responsible Wireless Phone Use

Tens of millions of people in North America today take advantage of the unique combination of convenience, safety and value delivered by the wireless telephone. Quite simply, the wireless phone gives people the powerful ability to communicate by voice-almost anywhere, anytime with the boss, with a client, with the kids, with emergency personnel or even with the police. Each year, North Americans make billions of calls from their wireless phones, and the numbers are rapidly growing.

But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable

tool, but good judgment must be exercised at all times while driving a motor vehicle whether on the phone or not.

The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common sense-keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and signals and staying within the speed limit. It means using seat belts and requiring other passengers to do the same.

But with wireless phone use, driving safely means a little more. This brochure is a call to wireless phone users everywhere to make safety their first priority when behind the wheel of a car. Wireless telecommunications is keeping us in touch, simplifying our lives, protecting us in emergencies and providing opportunities to help others in need. When it comes to the use of wireless phones, safety is your most important call.

Wireless Phone "Safety Tips"

Below are safety tips to follow while driving and using a wireless phone which should be easy to remember:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands free device. A number of hands free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. 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 and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a to do list while driving a car, you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip-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. Stressful or emotional conversations and driving do not mix-they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations-with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a Good Samaritan in your community. 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 wireless non emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. 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 wireless number.

Careless, distracted individuals and people driving irresponsibly represent a hazard to everyone on the road. Since 1984, the Cellular Telecommunications Industry Association and the wireless industry have conducted an educational outreach program to inform wireless phone users of their responsibilities as safe drivers and good citizens. As we approach a new century, more and more of us will take advantage of the benefits of wireless telephones. And, as we take to the roads, we all have a responsibility to drive safely. The wireless industry reminds you to use your phone safely when driving.

Cellular Telecommunications & Internet Association For more information, please call 1-888-901-SAFE.

For updates: <http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID=85>

Appendix C: Consumer Update on Wireless Phones

U.S. Food and Drug Administration

1. 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.

2. 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.

3. 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.

4. 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 the 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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 hearing aids for interference from handheld 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.

10. 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 the 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 phone 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.

11. 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 10 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.

12. Which other federal agencies have responsibilities related to potential RF health effects?

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.nrp.org.uk>

Updated 4/3/2002: US Food and Drug Administration

<http://www.fda.gov/cellphones>

STANDARD LIMITED WARRANTY

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

| | |
|-------------------------|---------|
| Phone | 1 Year |
| Batteries | 1 Year |
| Leather Case/Pouch | 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 1-800-SAMSUNG. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are the Limits On SAMSUNG's Liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG

MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- ◆ 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 THIRD-PARTY 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 Electronics Canada, Inc.

©2004, 2005 Samsung Electronics Canada, Inc.. SAMSUNG is a registered trademark of Samsung Electronics Co., Ltd. and its related entities.

No reproduction in whole or in part allowed without prior written approval.

Specifications and availability subject to change without notice.

Index

A

- Alarm •, 80
- Alphabet mode, text input •, 30
- Answering
 - call •, 16
 - second call •, 24
- Anykey answer •, 96
- Auto redial •, 96

B

- Backlight
 - description •, 7
- Battery
 - charging •, 11
 - installing •, 11
 - low indicator •, 12
 - removing •, 9
- Browser, WAP •, 69

C

- Calculator •, 84
- Calendar memos
 - viewing •, 84
 - writing •, 82
- Call barring •, 103
- Call records
 - missed •, 17, 43
- Call time •, 44
- Caller groups
 - editing •, 64
 - searching •, 64
- Caller ID •, 105
- Calls
 - answering •, 16, 24
 - barring •, 103
 - ending •, 14
 - forwarding •, 101
 - holding •, 21
 - making •, 14
 - redialing •, 15

- waiting •, 24, 104
- Characters, entering •, 27
- Charging battery •, 11
- Closed User Group, 105
- Conference call •, 25
- Connect tone •, 101

D

- Dangerous areas •, 121
- Deleting
 - phone book •, 61
- Deleting Games, 79
- Delivery reports, message •, 49
- Display
 - backlight •, 7
 - external •, 8
 - icons •, 7
 - layout •, 6
- DTMF tones, send •, 23

E

- Earpiece volume •, 16
- Error tone •, 100
- External display •, 8

F

- FDN (Fixed Dial Number) mode •, 109
- Folder tone •, 100
- Forwarding
 - calls •, 101

G

- Games
 - deleting, 79
- Games •, 78
- Graphic logo •, 99

H

- Health and safety •, 117
- Holding, calls •, 21

I

- Icons, description •, 7
- International calls •, 14

K

- Key volume •, 16
- Keypad tones
 - selecting •, 99
 - sending •, 23
- Keys
 - description •, 4

L

- Language, select •, 95
- Last number, redial •, 15
- Locking
 - phone •, 107
- Low battery indicator •, 12

M

- Memory Status
 - Phone Book •, 67
 - voice memos •, 93
- Menus
 - accessing •, 33
 - list •, 34
- Message tone •, 100
- Messages, 46
- Messaging
 - types available, 46
- Minute minder •, 100
- Missed calls •, 17, 43
- Multi-party calls •, 25
- Muting
 - key tones •, 23
 - microphone •, 22

N

- Names
 - searching/dialing •, 63
- Navigation keys

- short cuts, 96
- Network selection •, 104
- Network services •, 110
- Numbers, phone
 - searching/dialing •, 63
 - storing •, 59

O

- On/off switch, phone •, 13

P

- Password, phone •, 108, 114
- Phone
 - display •, 6
 - icons •, 7
 - keys •, 4
 - layout •, 3
 - locking •, 107
 - password •, 114
 - resetting •, 110
 - switching on/off •, 13
- Phone Book
 - copying •, 61
 - deleting •, 61, 64
 - editing •, 61
 - options •, 61
 - searching/dialing •, 63
 - storing •, 59
- Phone Settings
 - resetting, 110
- PIN
 - changing •, 107
 - description •, 115
- PIN2
 - changing •, 109
 - description •, 116
- Power on/off tone •, 100
- Privacy •, 108
- PUK •, 115
- PUK2 •, 116

R

- Radio frequency •, 117

R

- Redialing
 - automatically •, 96
 - manually •, 15
- Resetting phone •, 110
- Roaming •, 104

S

- Safety
 - information •, 117
 - precautions •, 1
- Schedule •, 82
- Searching, Phone Book •, 63
- Security
 - changing passwords, 108
 - locking
 - media contents •, 108
 - Phone Lock, 107
 - PIN Check, 107
 - SIM Lock, 108
- Security •, 110
- Short Cut, 96
- SIM card
 - installing •, 9
- SIM Lock, 108
- Soft keys •, 19
- Sound settings •, 99
- Switching on/off
 - microphone •, 22
 - phone •, 13

T

- T9 mode, text input •, 29
- Text input mode •, 27
- Text, entering •, 27
- Time format •, 94
- Tone
 - connect •, 101
 - error •, 100
 - folder •, 100
 - keypad •, 99
 - message •, 100
 - minute minder •, 100
 - power on/off •, 100
- Travel charger •, 11

U

- uses, 125
- Using, 29








V

- Vibration •, 19
- Voice mail •, 54
- Voice memos
 - recording •, 93
- Volume, adjust
 - earpiece •, 16
 - keypad tone •, 16

W

- Waiting call •, 24, 104

Quadband SGH-x507 Telephone Quick Reference Card

| | | | |
|---------------------------|--|--|---|
| Access the Menu Functions | <ol style="list-style-type: none"> Press the Menu soft key. Scroll using the Up and Down keys through the list of the menus until you reach the menu you want. Press the Select soft key. Scroll using the Up and Down keys through the list of the options until the one you want is selected. Press the Select soft key. | Switch On/Off | Press and hold the  key. |
| | | Make a Call | <ol style="list-style-type: none"> Enter the number. Press the  key. |
| | | End a Call | Briefly press the  key. |
| | | View Missed Calls Immediately After Missing Them | <ol style="list-style-type: none"> Open the phone and press the View soft key. Scroll using the Up and Down keys through the missed calls. To return the call, press the  key. |
| | Each of the two softkeys  and  perform the function indicated by the text above it on the bottom line in the display. | Answer a Call | Open the phone or Press the  key. |



Adjust the Volume

Press the **▲** or **▼** key on the left side of the phone.

Choose the Quiet Mode

① Select the **Quiet Mode** menu option (**Menu 9,4,6**).

- ② Select an option:
 - **Vibration All**
 - **Silent All**

③ Press the **Select** soft key.

Search for a Number in Phone Book

① Press the **Menu** soft key.

② Select the **Phone Book** option and press **1**.

③ Enter the first few letters of the name.

④ To scroll through the names, press the Up or Down key.

⑤ Press the  key to dial.

Store Numbers in Phone Book

① Enter the number and press the **Options** soft key.


② Select **Save to Phone Book**.

④ Select a memory.

⑤ Press the **Select** softkey.

⑥ Enter the name.

⑦ Press the **Save** softkey.

⑧ Press the  key to return to Idle Mode.

