

SGH-x497 Series

P O R T A B L E T r i / D u a l -
M o d e

T E L E P H O N E

User Guide

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



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Getting Started


This section allows you to start using your phone by activating your service and setting up your voice mail.

Activating Your Phone

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 many others.

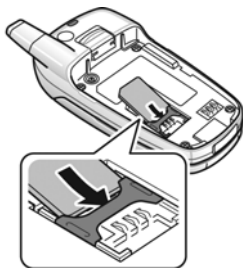
Installing the SIM Card

Important! The plug-in SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

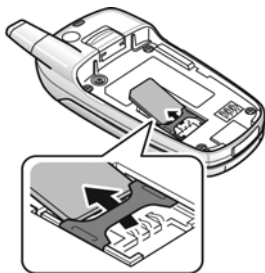
1. If necessary, switch off the phone by holding down the  key until the power-off image displays.
2. Remove the battery. To do so:
 - Slide the battery lock toward the top of the phone and hold it in that position.
 - Lift the battery away, as shown.



3. Slide the SIM card into the SIM card socket so that the card locks into place. Make sure the gold contacts of the card face into the phone.



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



4. Place 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 on the phone.

Charging a Battery

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

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

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 200 minutes.

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



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





Note: You must unplug the adapter before you remove 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 the “Warning Low Battery” message repeats at regular intervals on the display. When this happens, your phone turns off the backlight to conserve the remaining battery power.

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


Switching On or Off the Phone

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 or the  key.

Note: Password registration will be done by the user. Users will input the first password.

4. If the phone asks for a PIN, enter the PIN and press the **OK** soft key or the  key. For further details, see "PIN Check" on page 118.


The phone searches for your network and after finding it, the Idle screen appears. Now, you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. See "Language" on page 111. When you wish to switch off the phone, press and hold the  key until the power-off image displays.




Setting Up Your Voice Mail

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


To set up your voicemail:

1. Press and hold .
2. Follow the system prompts to:
 - Create your pass code
 - Record your greeting
 - Record your name announcement

Accessing Your Voice Mail


1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Messaging** and press the  key.
3. Highlight **Voice Mail** and press the  key.
4. Highlight **Connect to Voice Mail** and press the  key. Your phone dials the specified voice mail number.
5. When connected, follow the voice prompts to access messages.






To access you voice mail from your keypad, use the following steps:

1. Open the phone to access your keypad.
2. From an Idle screen, press and hold the  key.
3. Follow the voice mail prompts to access messages.

Changing the Voice Mail Number

Your SIM card gives you default service number of the voice mail center. However, you may need to change the number. Use the following procedures to change your voice mail number.

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Highlight **Messaging** and press the  key.

3. Highlight **Voice Mail** and press the  key.
4. Highlight **Voice Server Number** and press the  key. Highlight **Voice Server 1** and press the **Select** soft key or the  key. The following options appear in the display.
 - **Edit Number:** allows you to edit voice mail number.
 - **Edit Name:** allows you to change voice mail number name.
 - **Delete:** deletes voice mail number.
5. Highlight **Edit Number** and press the **Select** soft key or  key to change the number. Enter new number.
6. Press the **OK** soft key to save the update.
7. Press the  key to return to Idle mode.

Your Phone

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

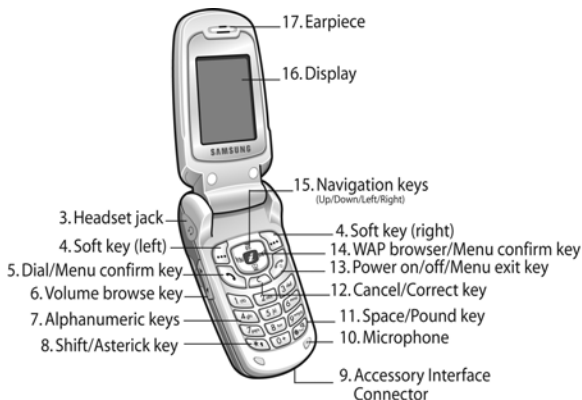
Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

- User friendly, menu driven access to features and options.
- Text and Multimedia Messaging capability
- Games
- Internet capability
- Useful applications such as alarms, an organizer, and a calculator.

Front View of Your Phone



Open View of Your Phone




The following illustrations show the main elements of your phone:

Keys

The following list correlates to the front and rear illustrations.

1. The antenna is used to obtain reception.
2. The external display shows the received signal strength, the phone battery level, the date and time.
3. The headset jack is used for the hands-free headset.
4. Performs the functions indicated by the screen text on the bottom line of the display.
5. Makes or answers a call.
 - In Idle mode, recalls the last number dialed or received when held down.

- In Menu mode, selects a menu function or stores information that you have entered, such as a name in the phone or SIM memory.
6. During a call, adjusts the earpiece volume.
With the phone closed, you can set up or cancel "Silent mode" by holding down the volume key, located on the left side of the phone.
 7. Enters numbers, letters, and some special characters.
 8. Enters the asterisk [*] character for calling features. In text entry mode, press to change the character input type.
 9. This connector is used to plug in the charging accessories.
 10. The microphone used during phone calls and voice memo recordings.
 11. Enters the pound [#] character for calling features. In text entry mode, press to enter a space
 12. Deletes characters from the display.
 - In Menu mode, returns you to the previous menu level.
 - When you hold down  key, you can access New memo in Organize menu directly.
 13. Ends a call. Also switches the phone on and off when held down.
In Menu mode, cancels your input and returns the phone to Idle mode.
 14. In Idle mode, launches the Internet browser.
In Menu mode, selects the highlighted menu options.
 15. In Menu mode, use to scroll through the menus and Address Book.

In Idle mode, the Down key allows you to access the **Address Book** menu directly.

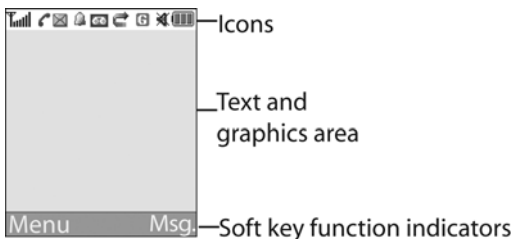
When entering text, moves the cursor to the left or right, depending on which side you push.

16. Display area where text and graphics are displayed.








17. The earpiece is used to listen to audio from your phone.







Understanding the Display Screen

The display has 3 areas:



Icons

-  Shows the received signal strength. The greater the number of bars, the stronger the signal.
-  Appears when a new text message has been received.
-  Appears when a new voice mail has been received.
-  Appears when a new asterisk message has been received.
-  Appears when you set an alarm to ring at a specified time. For details, see page "Alarm" on page 70.
-  Appears when you are out of your service area.
-  Appears when a call is in progress.

-  Appears when you are connected to a WAP service.
-  Appears when the Call Forwarding feature is active. For details, see page "Call Forwarding" on page 115.
-  Appears when you are connected to the GPRS network.
-  Appears when Silent mode is active or you set the phone to vibrate when you receive a call.
-  Appears when Mute mode is active.
-  Shows the level of your battery. The more bars you see, the more power you have remaining.

Backlight

A backlight illuminates the display and the keypad. When you press any key or open the phone, the backlight comes on. It goes off when no keys are pressed within a given period of time, depending on the setting in the **Backlight Time** menu. The display turns off after one minute to conserve battery power.

For information on changing the length of time the backlight is active, see "Display Settings" on page 113.

External Display


Your phone has an external display on the front of the phone. It indicates when you have an incoming call or message. It also alerts you at a specified time when you have set an alarm. The backlight turns on and the corresponding icon appears on the external display.

When you close the phone, the display shows the current time on a digital clock.

Call Functions



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

Making a Call




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

Note: When you activate the Auto redial option in the Extra settings menu, the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. See page "Extra Settings" on page 112 for further details.


Making an International Call

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

Correcting the Number

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




Ending a Call

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






Redialing the Last Number


The phone stores the numbers of the calls you've dialed, received, or missed if the call recipient or caller is identified. See "Caller ID" on page 117 for further details.

To recall any of these numbers:

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

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

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

- To delete all of the numbers, press the **Options** soft key and select **Delete All**. Press the **Select** soft key or the  key.

Making a Call from the Address Book


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

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

For further details about the Address Book feature, see "Editing an Entry" on page 103.

Adjusting the Call Volume


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


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

Answering a Call


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


The caller's phone number, or name if stored in Address Book, displays.

1. If necessary, open the phone. Press the  key or the **Accept** soft key to answer the incoming call.

If the **Anykey answer** option in the **Extra settings** menu is activated, you can press any key to answer a call except for the  key and the **Reject** soft key.

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



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

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

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

Call Log

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



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

Silent Mode

Silent mode is convenient when you wish to stop the phone from making noise, such as when you are in a theater.

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

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

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

Selecting Functions and Options

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

Soft Keys

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




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




Selecting Options

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

1. Press the appropriate soft key.

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

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

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

Options During a Call

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


Using the Speakerphone

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


1. Press **Options** soft key.
2. Highlight **Loud Spkr On** and press the **Select** soft key.
3. To turn the speakerphone off, press the **Options** soft key. Highlight **Loud Spkr off** and press the **Select** soft key.

Putting a Call on Hold

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

To place a call on hold, press the **Options** soft key. Highlight **Hold** and press the **Select** soft key or the  key. You can reactivate the call, by pressing the **Resume** soft key.

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

1. Enter the phone number that you wish to dial or look it up in the Address Book.
2. Press the  key to dial the second call.

The first call is automatically put on hold.


Or

1. Put the current call on hold by pressing the **Hold** soft key.
2. Make the second call in the normal way.

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

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

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

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

Switching off the Microphone (Mute)

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

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

To switch the microphone off temporarily:

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

To switch the microphone back on:

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



Muting or Sending Key Tones

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

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

Searching for a Number in Address Book During a Call

You can search for a number in Address Book during a call.

1. Press the **Options** soft key or the  key.
2. Press the Down key to highlight the **Address Book** option and press the **Select** soft key or the  key.

The Address Book entries are listed.

3. Enter the name that you wish to find.


4. If you enter the first few letters of the name, the Address Book entries are listed starting with the first entry matching your input.
5. To view the highlighted entry, press the **View** soft key.

For further details about the Address Book feature, see "Editing an Entry" on page 103.

Call Waiting

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

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

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

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

To end the current call, press the  key.





Making a Multi-Party Call


A multi-party call is a network service that allows up to six people to take part simultaneously in a multi-party or conference call.

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




Setting up a Multi-Party Call

1. Call the first participant in the normal way.


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

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


Having a Private Conversation With One Participant


1. Press the **Options** soft key.
2. Highlight **Split** and press the **Select** soft key or the  key.
3. Highlight a person by pressing the Up or Down key, and press the **Select** soft key, the  key, or the  key.

Now you can talk privately to that person. The other participants can continue to converse with each other.


4. To return to the multi-party call, press the **Options** soft key and select **Join**. Press the **Select** soft key or the  key.
- All of the multi-party call participants can now hear each other.

Dropping One Participant


1. Press the **Options** soft key and choose **Hold**. Press the **Select** soft key or the  key.

2. Press the **Options** soft key and choose **Remove**. Press the **Select** soft key or the  key.

The list of call participants appears.

3. Highlight a person by pressing the Up or Down key, and press the **Select** soft key, the  key.

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

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


Entering Text

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the amount of key strokes associated with entering text.

Changing the Text Entry Mode

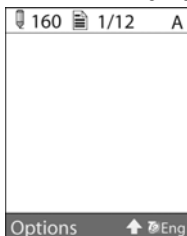
When using your phone, you will often need to enter text, such as when storing a name in the Address Book, creating your personal greeting or scheduling events on your calendar. You can enter alphanumeric characters by using your phone's keypad.

Your phone has the following text input modes:



- **ABC 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 it displays.
- **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, pressing the  key can enter J, K, or L. However, the T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional Alphabet mode.
- **Symbolic mode:** This mode allows you to enter symbols, such as punctuation marks.
- **Number mode:** This mode allows you to enter numbers.
- **Add Word:** Allows you to add a word to message and to T9.
- **Language Select:** Allows you to change the language being used in T9 input mode.

Changing the Text Input Mode or Language




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



Text input mode
and language indicators

1. To select change the text input mode or language, press the  key.
2. Highlight the input option, and press the **Select** soft key or the  key.

Choose from the following options:



- **ABC mode:** When you are in ABC mode, the  icon appears on screen.
- **T9 mode:** When you are in T9 mode, the  icon appears on screen.
- **Symbolic:** Brings up a choice of symbols. See "Entering Symbols" on page 35 for more details.
- **Number:** When you are in Number mode, the  icon appears on screen.
- **Add Word:** Allows you to add a word to message and to T9. See "To add a new word into the T9 dictionary" on page 33 for more details.
- **Language Select:** Changes the text entry mode between **English** and **Français**. Depending on which language

selected, an **Eng** or a **Fra** language indicator appears at the bottom of the text input screen. Using this option to change the language only changes it for the current entry. To permanently change the text input language, see "Language" on page 111.

Using T9 Mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes. This text input mode is based on a built-in dictionary.

To enter a word in T9 mode:


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



Example: To enter "Hello" press




The word that you are typing appears in 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 doesn't display correctly, press the  key or the Up or Down key to display alternative word choices for the keys that you have pressed.

Example: Both “Of” and “Me” have the  and  keys. The phone displays the most commonly used choice first.



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  key or the Up or Down key to display the alternative words.
2. When you press the  key or the Up or Down key at the last alternative word, the display shows Add on the bottom line. Press the **Spell** soft key or the  key.
3. If necessary, clear the word using the  key and enter the word you want to add using ABC mode. See page "Changing the Text Entry Mode" on page 30.
4. Press the **OK** soft key or the  key.

The word is added to the T9 dictionary and becomes the first word for the associated keypress series.

Note: This feature may not be available for some languages.

- To enter periods, hyphens, or apostrophes, press the  key. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, use the  key. There are 3 cases: **Initial capital**, **Capital lock**, and **Lower case**.

- You can move the cursor by using the Left and Right keys. To delete letters, press the  key. Press and hold the  key to clear the display.


Using Alphabet Mode

To use the Alphabet Mode use the  to  keys to enter your text.


- Press the key labeled with the letter you want:
 - Once for the first letter
 - Twice for the second letter
 - And so on
- 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.

Keys

 . @ , - ? ! ' : 1

 M N O 6
m n o 6


 A B C 2
a b c 2

 P Q R S 7
p q r s 7

 D E F 3
d e f 3

 T U V 8
t u v 8


 G H I 4
g h i 4



 W X Y Z 9
w x y z 9

 J K L 5
j k l 5


 0 +

Entering Symbols

Symbol mode allows you to enter symbols by pressing the key labeled with the letter you want. When in a text message screen, press the  soft key to access the Symbol mode. The Symbol screen displays the available symbols for each key. Use the up or down navigation keys to cycle through all available symbols.

1. To select a symbol, press the corresponding number key.
2. To display more symbols, press the Up or Down navigation key.
3. To clear the symbol(s), press the  key. When the input field is empty, this key returns the display to the previous mode.
4. To insert the symbol(s) into your message, press the **OK** soft key or the  key.

Using Numbers

Number mode allows you to enter numbers by pressing the key labeled with the number you want. When in a text message screen, press the  soft key to access the Number mode.

Menu Navigation




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

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

There are two way for accessing a menu option.

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





Navigating through the List

1. In Idle mode, press the **Menu** soft key to access the main menus.
2. Scroll using the navigation keys to reach a main menu, such as **Settings**. Press the **Select** soft key or the  key to select the menu.
3. You can access them by scrolling using the Up and Down navigation key and pressing the **Select** soft key or the  key. If the menu that you have selected contains further options, repeat this step.
4. Select an option and press the **Select** soft key or the  key to confirm the chosen setting

Using Shortcuts

The menu items, such as menus, sub-menus, and options, are numbered and can be accessed quickly by using their shortcut numbers. For the main menus, you can access any one of them by pressing the number keys (1 to 0) corresponding to their location on the screen.

Example: Accessing the Language menu.

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

The languages available are displayed.

Navigation key shortcuts

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



In Use Menu Outline

Your phone includes both a standby menu and an In-Use Menu. The In-Use Menu applies to when you are in a call. For more detail see "Options During a Call" on page 24.

1. While in a call press the **Options** soft key. The following options appear in the display:
 - **Loud Spkr On:** turns the speaker phone on.
 - **Hold:** allows you to place a caller on hold.
 - **New Call:** allows you to make or accept another call.
 - **Address Book:** accesses the Contact List.
 - **Text Message:** allows you to send a text message to your caller.
 - **Mute Keys:** 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
 - **Send DTMF:** send your phone number as tones (if you're the recipient of the call). Send the recipient's phone number as tones (if you're the originator of the call).
2. Use the up or down navigation keys to highlight an option. Press the **Select** soft key to select the In-Use Menu of your choice.

Menu Outline

The following list shows the menu structure and indicates the number assigned to each option.

1. Recent Calls

1. Missed Calls
2. Calls Received
3. Calls Made
4. Delete All
5. Call Time

1. Last Call
2. Total Made
3. Total Received
4. Life time
5. Reset Timers

6. Data Volume

1. Recent Volume
2. Total Volume
3. Reset Volume

7. Data Call Time

1. Recent Time
2. Total Time
3. Reset Timers

2. Messaging

1. Text Message

1. Create
2. Inbox
3. Outbox
4. Delete All

All Messages

Read

Unread

Sent

Unsent

2. Multimedia Message

1. Create
2. Inbox
3. Outbox
4. Draft
5. Delete All

All Messages

Inbox read

Inbox unread

Outbox

Draft

3. Voice Mail

1. Connect to Voice Mail
2. Voice Server Number

4. Browser Messages

1. Inbox

2. Setting

Always

Never

Optional

3. Delete All

Yes

No

5. Templates

1. Call me when you get this message.

1. Edit

2. Send Message

3. Delete

2. I'm in a meeting. I'll call you back.

3. When can we meet?

4. Where is the meeting?

5. I'm late and will be there in minutes.

6. Broadcast Messages *

1. Read

1. Archive

2. Temporary

2. Receive

1. Off

2. On

3. Channel

All

4. Language

All

English

Nederlands

Português

Italiano

Français

Deutsch

7. Settings

1. Text Message

1. Service Center

2. Validity Period

1 Hour

6 Hours

24 Hours

1 Week

Maximum

3. Message Type

Text

Fax

Voice

ERMES

X400

E-Mail

4. Reply Path

Off

On

5. Delivery Report	3 Days
Off	1 Week
On	1 Month
6. Character Support	4. Delivery Report
GSM-alphabet	Off
Uni-code	On
Automatic	5. Read Reply
2. Multimedia Message	Off
1. Send Settings	On
1. Priority	2. Receive Settings
Low	1. Msg. Reception
Normal	Manual
High	Automatic
2. Validity Period	Reject
1 Hour	2. Anonymous Reject
6 Hours	Off
12 Hours	On
1 Day	3. Ads Reject
1 Week	Off
Maximum	On
3. Delivery After	4. Report Allowed
Immediately	Off
1 Hour	On
6 Hours	3. Multimedia Message Profiles
12 Hours	1. Current Profile
1 Day	FIDO MMS
	Menu Navigation 41

Profile 2

Profile 3

Profile 4

Profile 5

2. Profile Setting

1. FIDO MMS

1. Profile Name

2. Server URL

3. Proxy Use

1. Enable

2. Disable

4. GPRS Setting

1. Proxy Address

2. Proxy Port

3. APN

4. Login ID

5. Password

2. Profile 2*

3. Profile 3*

4. Profile 4*

5. Profile 5*

*As #1 above

8. Memory Status

1. Text Message

2. Multimedia Message

3. Games

1. My Games

2. Settings

1. APN

2. Login ID

3. Password

4. DNS Settings

3. Memory Status

4. Applications

1. Alarm

Wake-up Call

Alarm 1

Alarm 2

Auto Power

2. Organizer

1. New Memo

2. Calendar

3. To Do List

3. Calculator

4. Record Audio

1. Record

2. Recorded Audio

3. Delete All

4. Settings

1. Recording Time

Normal

Limit Size (for Multimedia Message)

2. Volume

3. Default Name

5. Memory Status

5. Unit Conversion

1. Length

2. Weight

3. Volume

4. Area

5. Temperature

6. Timer

7. Stopwatch

8. World Time

5. Media Net

1. Media Net Home

2. Favorites

3. Go to URL

4. Browser Profiles

1. Current Profile

FIDO WAP

Profile 2

Profile 3

Profile 4

Profile 5

2. Profile Settings

1. FIDO WAP

1. Profile Name

2. Home URL

3. Bearer

GPRS First

GPRS Only

GSM Only

4. Proxy Use

Enable

Disable

5. GPRS Setting

1. Proxy Address

2. Proxy Port

3. APN

4. Login ID

5. Password

6. GSM Setting

1. Proxy Address

2. Proxy Port

3. Dial Number

4. Login ID

5. Password

6. Data Call Type

ISDN

Analog

2. Profile 2*

3. Profile 3*

4. Profile 4*

5. Profile 5*

*As #1 above

5. Clear Cache

Yes

No

6. Sound Settings

1. Incoming Calls

1. Default Ringtones

2. My Audio

3. Ring Volume

4. Alert Type

Melody

Vibration

Vibration Then Melody

2. Keypad Tone

1. Default Keypad Tone

Off

Tone

Beep

2. Volume

3. Message Tone

1. Text Message

1. Tone

Message 1

Message 2

Message 3

Message 4

Message 5

2. Alert Type

Silent

Tone

Vibration

Vibration Then Tone

3. Repetition

Once

Periodic

2. Multimedia Message*

*as #1 above

4. Power On/Off

Off

On

5. Silent Mode

Vibration

Mute

6. Extra Tone

Minute Minder

Connect Tone

Yes

Alerts on Call

No

Indicative Tones

4. Memory Status**7. My Media****1. Graphics**

good_morning.jpg

snowboard.jpg

soccer.jpg

sunny_way.jpg

2. Audio

1. Downloaded Ring Tunes

2. Record Audio

3. Recorded Audio

3. Delete

1. Graphics

Yes

No

2. Audio

All

Yes

No

Downloaded Ring Tunes

Yes

No

Recorded Audio

8. Address Book**1. Contact List****2. New Entry**

1. Phone

2. SIM

3. Speed Dial**4. Copy All to Phone**

Yes

No

5. Delete All

All

Phone

SIM

6. My Mobile Number

1. Telephone

2. Empty

3. Empty

7. Group Setting

1. Family

1. Ringtone

1. Ringtone

1. Default Ringtones

- 2. My Audio
- 2. Not Assigned
- 2. Edit Name
- 3. View Image
- 2. Friends*
- 3. Partnership*
- 4. Office*
- 5. Other*

*As #1 Above

8. Memory Status

9. Service Number

9. Settings

1. Time & Date

- 1. Set Time
- 2. Set Date
- 3. Time Format

24 Hours

12 Hours

4. Auto Update

Off

On

Confirm First

2. Phone Settings

1. Language

- 1. Text Language

Automatic

English

Français

2. Input Mode

Automatic

English

Français

2. Greeting Message

3. Extra Settings

Auto Redial

Anykey Answer

Open to Answer

3. Display Settings

1. Wallpaper

1. Animations

Cubic

Balloon

Calendar

2. Graphics

good_morning.jpg

snowboard.jpg

soccer.jpg

sunny_way.jpg

3. Text Position

Top

Bottom

- Off
- 4. Text Color
 - White Outline
 - Black Outline
 - White Shadow
 - Black Shadow
 - White
 - Black
- 2. Skin
 - Pattern 1
 - Pattern 2
- 3. Backlight Time
 - 15 Seconds
 - 30 Seconds
 - 1 Minute
 - 3 Minutes
 - 10 Minutes
- 4. Brightness Control
 - 1. Main LCD
 - 2. External LCD
- 5. Dialing Font Color
 - Black
 - Rainbow
- 4. 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 Waiting
 - 1. Voice Calls
 - 2. Data Calls
 - 3. Cancel All
- 3. Network Selection
 - 1. Automatic
 - 2. Manual
- 4. Caller ID
 - 1. Default
 - 2. Hide Number
 - 3. Send Number
- 5. Security
 - 1. PIN Check
 - Disable

Enable

2. Change PIN

3. Phone Lock

Disable

Enable

4. Change Password

5. Privacy

All

Multimedia Message

Images

Sounds

6. SIM Lock

Disable

Enable

6. Reset Settings

1. All

2. Phone Settings

3. Display Settings

4. Sound Settings

Recent Calls

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

Missed Calls


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

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



To view a missed call immediately


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

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

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



To view a missed call from the Menu


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

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

Calls Received




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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Calls Received** and press the **Select** soft key or the  key. Your list of Calls Received appear in the display.
3. Use the Up or Down navigation key to highlight a call, then press the  key to details about your call.
4. Press the **Options** soft key to display the following options:
 - **Details:** to view information about this call.
 - **Call Back:** calls the selected number.
 - **Paste:** saves the number to your phone or SIM.
 - **Send Message:** allows you to send a Text or Multimedia message to the specified number.
 - **Delete:** erases the selected call from the Calls Made log.



- **Delete All:** erases the entire Calls Made log.
5. Use the Up or Down navigation key to highlight an option.
 6. Press the  key to perform the option's function.

Calls Made

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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Calls Made** and press the **Select** soft key or the  key. Your list of Calls Made appear in the display.
3. Use the Up or Down navigation key to highlight a call, then press the  key to details about your call.
4. Press the **Options** soft key to display the following options:
 - **Details:** to view information about this call.
 - **Call Back:** calls the selected number.
 - **Paste:** saves the number to your phone or SIM.
 - **Send Message:** allows you to send a Text or Multimedia message to the specified number.
 - **Delete:** erases the selected call from the Calls Made log.
 - **Delete All:** erases the entire Calls Made log.
5. Use the Up or Down navigation key to highlight an option.
6. Press the  key to perform the option's function.

Delete All


1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Delete All** and press the **Select** soft key or the  key. The following selections appear in the display.
 - **All Calls:** deletes all call logs.
 - **Missed Calls:** deletes the Missed Calls log.
 - **Calls Received:** deletes the Calls Received log.
 - **Calls Made:** deletes the Calls Made log.
3. Press the Up or Down navigation key to highlight the Delete option.
4. Press the **Select** soft key or the  key.


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

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

Call Time

Call Time allows you to view the duration of your Last Call, Total Made, and Total Received during the life cycle of your phone. Call Time is not for billing purposes.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Recent Calls** and then highlight **Call Time** and press the **Select** soft key or the  key. The options listed appear in the display.

- **Last Call:** view the duration of your last call.
 - **Total Made:** view the duration of the Calls Made.
 - **Total Received:** view the duration of the total of your Calls Received.
 - **Life Time:** view the duration of all calls on your phone since activation (Life time timers cannot be erased).
 - **Reset Timers:** resets timer.
3. Press the number of the option you wish to enter, or use the navigation key to highlight the option and press the **Select** soft key or the  key.

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.
- **Reset Timers:** option used to reset the data call timers. You must first 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, music and voice attachments.
- ◆ **Voice mail** allows you to access your voice mailbox and check for voice messages.
- ◆ **Browser 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.

Text Message

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



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

Create


Creating and Sending a Simple Text Message

In this menu, you can write and send text message

1. In Idle mode, press the **Menu** soft key to access Menu

- mode.
2. Select **Messaging**. Highlight **Text Message** and press the **Select** soft key or the  key.
 3. Select **Create** and press the **Select** soft key or the  key.
 4. Create your message. For further details about entering characters, see "Entering Text" on page 30.
 5. When you have finished writing the message, press the **Options** soft key. Choose from the following options:
 - **Send:** allows you to send the message. The message is deleted after sending.
 - **Text Formatting:** allows you to format the style of the text. For the Size attribute, **Normal**, **Large**, and **Small** size are available. Mode options are **Normal**, **Underscore**, and **Strikethrough**. Bold and Italic options are **Off** or **On**. Alignment options are **Left**, **Center**, and **Right**.
 - **Add Media:** allows you to add a picture, melody, or animation to your message. Select the category of the item to be added. In each category, you can select from the various factory-set items or choose an item received from other sources, such as the Internet or other phones.
 - **Templates:** allows you to apply one of the preset message templates to the text. Select one of the 10 items stored in the Templates menu.
 - **Save Message:** allows you to save a copy of the message to the Phone or SIM card.
 - **Add from Favorites:** allows you add favorite book marked URL's.
 6. Select **Send** to send the message. Continue to the next step. The Address screen displays.

Note: For details about using other options, see the next page.

7. Enter a destination Address or press the **Names** soft key to select a contact from the Contact List. Press the **Select** soft key to display the contact number and press the **Select** soft key or the  key. The Send screen displays.


If you want to send the message to multiple destinations, scroll to the next location and press the **Select** soft key.

8. When you have finished entering destination numbers, press the **Send** soft key.

Inbox

This message box is used to store messages that you have received.

When you enter this menu, the list of messages in the box displays with the senders' phone numbers or names, if available in your Address book.


1. Select a text message from the list and press the **Options** soft key. The following options display.
 - **View:** read the text message.
 - **Reply:** create a new message to reply with.
 - **Forward:** allows you to send/resend the message.
 - **Delete:** deletes the text message.
 - **Call back:** dials the number that sent the text message.
2. Highlight the **View** option and press the **Select** soft key or the  key to read the message contents.
3. To scroll through the contents, press the Up or Down key. To scroll to the previous or next message, press the Left or Right key.

While viewing a message, you can choose the following options by pressing the **Options** soft key:

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

Outbox

This message box is used to store messages that you have sent or will send. When you enter this menu, the list of messages in the box displays with the recipients' phone numbers or names, if available in your Address book.

1. Select a text message from the list and press the **Options** soft key. Options available are:
 - **View:** read the text message.
 - **Delete:** deletes the text message.
 - **Send:** allows you to send the text message.
2. Highlight the **View** option and press the **Select** soft key or the  key to read the message contents.
3. To scroll through the contents, press the Up or Down key.
4. To scroll to the previous or next message, press the Left or Right key.

While reading a message, you can choose the following options by pressing the **Options** soft key:


- **Delete:** allows you to delete the message.
- **Extract Address:** allows you to extract the sender's number and URL, e-mail addresses or phone numbers from the message text, so that you can save them in your phone's memory.
- **Send:** allows you to send the text message.
- **Move to SIM:** allows you to move the message from the phone's memory to the SIM card. This option is only available for messages stored in the SIM card.

Delete All

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

1. From the Text Message menu, select **Delete All**.

2. Select **All Messages**.

To place or remove a check mark, press the **Select** soft key or the  key.

3. Press the **OK** soft key to delete all messages in the message folders.

4. Press the **Yes** soft key to confirm deletion.

5. When you have finished, press the  key.





Multimedia Message

The menu allows you to send and receive multimedia messages. In addition to the familiar text content of text messages, multimedia messages can contain graphic images and sound clips.

Create

In this menu, you can write and send a Multimedia message.

Creating and Sending a Multimedia Message

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Multimedia Message** and press the **Select** soft key or the  key.
3. Select **Create** and press the **Select** soft key or the  key.
4. Create your message. Use the Up or Down navigation key to highlight a menu option and press the **Add** soft key or the  key to add the option.
 - **Subject:** allows you to enter text for the subject.
 - **Picture:** allows you to add a photo or Downloads to add one of the graphics stored in your graphics folder.
 - **Sound:** allows you to add a sound file. Select Record Audio to record a new voice memo or My Audio to add one of the voice memos or sound clips stored in the phone's memory. For further details about recording a voice memo, see "Record Audio" on page 81. You can add Downloaded sounds if they are in correct format and your service provider supports them.
 - **Message:** enter the message text and press the  key. While entering text, you can add a message template by pressing the **Options** soft key.
5. Press the **Opt.** soft key to access the following options:

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

- **Preview:** shows the message you created.
- **Send:** allows you to send message to specified number.
- **Add Page:** allows you to add an additional page(s).


- **Page Timing:** page timing allows you to set how long each page of the Picture Messaging message is displayed. The default time is 5 seconds, maximum 99 seconds.
 - **Text Effect:** allows you to format the style of the text.
For the Color attribute, **Black, Blue, Green, Red, and Yellow** are the colors available. For the Size attribute, **Small, Medium, and Large** sizes are available. For the Style attribute, **Bold, Italic, and Underline** are available.
 - **Clear Subject/Picture/Sound/Message:** clears the subject, picture, sound or message from your message.
 - **Delete Page:** deletes the page from your message.
 - **Save Message:** allows you to save the message to Draft.
6. Complete the message, and send or save it by following the procedure from "Creating and Sending a Simple Text Message" on page 54



Inbox

Retrieving New Messages

While text messages from other phones are delivered directly to your phone, MMS messages and emails will be stored in the Inbox of the message server and the server will alert you to new messages. Therefore you need to retrieve new messages to your phone and read them on the phone.

Retrieving an MMS Message

When a new MMS message comes in, the display shows the MMS Message icon () and text message notification along.


1. Press the **View** soft key or the  key to view the sender's phone number. The Inbox displays
2. Press the **Select** soft key or press the  key to view message.

To scroll through the message, press the Up or Down navigation keys.

3. When you have finished, press the  key.

Outbox

When you access this menu, the list of Multimedia messages that you have sent or saved displays. The icons on the left tell you the status of each message:

1. Select a message on the list and press the **Select** soft key or the  key.

The message displays and scrolls to the next page, if it has more than one, after a specified time.

2. To scroll through the message, press the Up or Down navigation key.

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

While viewing a message, you can choose the following options by pressing the Opt. soft key:

- **Delete:** allows you to delete the message.
- **Replay:** allows you to replay the message from the beginning.
- **Send:** allows you to send/resend the message.
- **Properties:** shows you information about the message, such as the time and date, to (recipient number), size, priority, and class.



Draft

After creating a Multimedia message, you can store it in this message box to be sent at a later time.

For further details about viewing a message in the Outbox, see "Outbox" on page 61.

Delete All

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

1. From the **Multimedia Message** menu, select **Delete All**.
2. Press the Up or Down key to move between the Delete All options. To place or remove a check mark, press **Select** soft key or the  key.
3. Press the **OK** soft key to delete the marked objects.
4. When the phone asks for confirmation, press the **Yes** soft key.
5. When you have finished, press the  key.

Using Message Options

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

Options for Multimedia Messages

- **Delete:** deletes the message.
- **Replay:** allows you to replay the Sound from the message received.
- **Reply:** allows you to reply to the destination from which the message originated.
- **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.

- **Call Back:** allows you to dial the number from which the message was originated.
- **Save Media:** allows you to save the Picture or Sound from the message received.
- **Extract Address:** allows you to extract the recipient or sender's number or address, and URL, email addresses or phone numbers from the message text so that you can make a call, send an Text message, or save them in your phone's memory.
- **Properties:** shows you information about the message.

Voice Mail

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

The following options are available:

- **Connect to Voice Mail:** allows you to listen to your messages. You can also quickly connect to the voice server by pressing and holding the **1** key in Idle mode.
- **Voice Server Number:** allows you to change the voice mail server number, if necessary.

Browser Message



This menu allows you to receive web messages from the server, or to set the phone not to receive Web messages.

The following options are available:

- **Inbox:** allows you to read the messages received from the web server.
- **Setting:** allows you to set whether or not your phone receives web messages.
- **Delete all:** allows you to delete all of the web messages.

Templates

Your phone has message templates to allow you to retrieve them when creating a message. You can change the templates as your preferences or send a message immediately.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging**. Highlight **Templates** and press the **Select** soft key or the  key.
3. Select a template and press the **Select** soft key to access the following options:
 - **Edit:** allows you to change the template.
 - **Send Message:** allows you to send the template as part of a Text or Multimedia message.
 - **Delete:** deletes the template.
4. When you have finished, press the  key.

Broadcast Message

This network service allows you to receive text messages while in geographical areas equipped to provide this service on various topics, such as the weather or traffic. Broadcast messages display as soon as they are received, provided that:

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

The following options are available:



- **Read:** allows you to read messages that are stored in either your **Archive** or **Temporary** folder.

- **Receive:** allows you to enable or disable the reception of broadcast messages.
- **Channel:** allows you to select which channels that you wish to receive broadcast messages.
- **Language:** allows you to select your preferred language in which to display cell broadcast messages.

Please contact your service provider for further details.

Settings

You can set up various options for using messaging services.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Messaging** and highlight **Settings**. Press the **Select** soft key or the  key.
3. Select the type of messages for which you want to change. Press the **Select** soft key or the  key.

Text Message

The following options are available:

- **Service Center:** allows you to store or change the number of your message center, which is required when sending messages. You must obtain this number from your service provider.
- **Validity Period (SIM dependent):** allows you to set the length of time your text messages are stored at the message center while attempts are made to deliver them.
- **Message Type (SIM dependent):** allows you to view the type of message sent.
- **Reply Path:** allows the recipient of your message to send you a reply message using your message center, if your network supports this service.

- **Delivery Report (SIM dependent):** 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.
- **Character Support:** Lets you select which character set to use in displaying your text messages: **GSM-alphabet** (Global System for Mobile communication), **Uni-code** (16-bit, multi-language), or **Automatic**.

Multimedia Message

The following options are available:

Send Settings

- **Priority:** you can select the priority level of your messages.
- **Validity Period:** set the length of time your messages are stored in the message center while the network attempts to deliver them.
- **Delivery After:** you can set a delay time before the phone sends your messages.
- **Delivery Report:** when this option is On, the network informs you whether or not your message has been delivered.
- **Read Reply:** when this option is On, your phone sends a request for a reply along with your message to the recipient.

Receive Settings

- **Msg. Reception:** you can set your phone to automatically receive or reject incoming messages.
- **Anonymous Reject:** you can set your phone to automatically reject or receive anonymous messages.
- **Ads Reject:** you can set your phone to automatically reject or receive advertising messages.
- **Report Allowed:** you can set the option to receive a delivery report.



Multimedia Message Profiles

- **Current Profile:** you can select a connection profile to be used for sending and receiving MMS messages.
- **Profile Setting:** Lets you create or change your Multimedia message connection profile(s).

Memory Status

You can check the amount of the memory being used and the memory remaining for Multimedia messages.

The display shows the total space including the used and free space. You can also view how much space is currently occupied by each message box.

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Select **Messaging**. Highlight **Memory Status** and press the **Select** soft key or the  key.
3. Select the message type you want.
 - For **Text Message**, scroll through the memory. The displays shows the number of messages you have stored in the SIM card and memory and the number of messages you have saved in each folder.
 - For **Multimedia Message**, **My Media** and **Games** the displays show the total memory amount, including the amount of memory available and used for storing messages. It also shows the memory amount used for each message folder.
4. When you have finished, press the  key.


Games

This section outlines the available gaming options and accessories for your phone. For more information, contact your service provider.

My Games

My Games stores all default and downloaded games.

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

1. Scroll to the game you want on the Games list and press the **Options** soft key.
2. Select **Launch**.
3. On the startup screen of the game, scroll to an option using the navigation keys and press  to confirm your selection.

Settings

You can customize the profiles containing the settings for connecting your phone to the network. These settings are also used for the WAP browser, sending Multimedia messages or Emails.

- **APN:** enter the access point name used for the address of the network.
- **Login ID:** enter the user ID required to connect to the network.
- **Password:** enter the password required to connect to the network.
- **DNS Settings:** enter the DNS (Domain Name System) address.

Memory Status

You can check the amount of memory being used and memory remaining for games, Multimedia messages, and My Media. For more information, see "Memory Status" on page 67.



Applications

The topics covered in this section allow you to schedule appointments, view the calendar, create To-Do lists, set an alarm, and perform simple math calculations.

Alarm

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




Setting an Alarm

1. In Idle mode, press the **Menu** soft key and select Applications.
2. Highlight **Alarm** and press the **Select** soft key or the  key.
3. Select an **Alarm Type**:
 - **Wake-up Call**: the alarm rings to wake you up at the specified time.
 - **Alarm 1**: primary alarm setting.
 - **Alarm 2**: secondary alarm setting.
 - **Auto Power**: the alarm rings even when the phone is turned off.
4. Press the **Select** soft key or the  key.

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

If you want to use the alarm options, press the **Options** soft key. The following options are available:


- **Alarm Day**: select the day or days the alarm will sound.
- **Alarm Time**: select the time the alarm will sound
- **Alarm Tone**: select the sound of the alarm
- **Remove Alarm**: removes alarm settings.

5. Highlight **Alarm Day** and press the **Select** soft key.
6. Highlight the day or days you want the alarm to sound and press the **Select** soft key or the  key. Press the **OK** soft key when finish. The Alarm Time screen displays.
7. Enter the time for the alarm to sound using the alphanumeric keypad. Press the **OK** soft key or the  key.
8. Select **AM** or **PM** and press the **Select** soft key or the  key. The alarm is now set.

To stop the alarm when it rings, open the phone and press the **Confirm** soft key.

Setting Autopower Alarms




You can set the phone to ring the alarm when the time for an alarm comes, if the phone is switched off.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Alarm** and press the **Select** soft key or the  key.
3. Select **Autopower**.
4. Select **On** to activate the Autopower feature. The phone will automatically switch on to ring the alarm when the alarm time comes.


If the menu option is set to **Off**, and the phone is switched off at the specified time, the alarm does not ring.

5. When you have finished, press the  key.

Deactivating Alarms

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Alarm** and press the **Select** soft key or the  key.
3. Select **Alarm Type** and press the **Select** soft key or the  key.
4. Press the **Options** soft key and highlight **Remove Alarm** and press the **Select** soft key or the  key.


A pop-up message displays confirming Alarm Deactivate. Press **Yes** to remove or **No** to exit.


5. When you have finished, press the  key.

Organizer

Organizer is a suite of PIM (Personal Information Management) applications such as a Calendar, To Do List, and Memo Pad. Schedule events, set reminders, or create to do lists with the Organizer.




Starting the Organizer







1. Press the **Menu** soft key and select **Applications**.
2. Highlight **Organizer** and press the **Select** soft key or the  key. The following appear in the display.
 - **New Memo:** Enter a memo, which can be viewed at any time. Memos do not have an alarm setting.
 - **Calendar:** Schedule events for any day by indicating each event's start and end time.
 - **To Do List:** Enter up to 25 tasks and set an alarm for each.

3. Use the navigation key to highlight an application. Press the **Select** soft key or the  to enter the highlighted application's sub menu. The following sections provide a detailed description on each application and its function.





Creating a New Memo

Create and store notes using the Memo Pad. Return to Memo Pad anytime to review and edit your notes.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **New Memo** and press the **Select** soft key or the  key.
4. Add a new memo. For more information, see "Entering Text" on page 30.
5. When you're finished entering details for the memo, press the left soft key **OK**. The **Save to** sub menu appear in the display.
6. Highlight the desired **Save to** option and press the **Select** soft key or the  key. You can save your memo in one of the following categories:
 - **Scheduler**
 - **To Do List**
 - **Call**
 - **Anniversary**
7. If you selected **Call**, enter the phone number for this memo and press the **OK** softkey. Otherwise, skip this step.



8. The calendar displays with today's date highlighted. Using the navigation keys select a date and press the **Select** soft key or the  key.
9. Using the keypad enter the Memo Time and press the **OK** soft key or the  key.
10. Select **AM** or **PM**, press the **Select** soft key or the  key. The Alarm Time screen appear in the display.
11. Press the **Yes** soft key to set alarm. Press the **No** soft key to save memo without setting the alarm.
12. If you selected Yes to set an alarm, enter the Alarm Time and press the **OK** soft key or the  key
13. Select **AM** or **PM**, press the **Select** soft key or the  key. The Alarm Tone screen displays.
14. Using the navigation keys, highlight an alarm tone and press either the **Select** soft key or the  key.

Viewing a Calendar Event


1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key.
4. Highlight a date on the calendar using the navigation keys and press either the **Select** soft key or the  key. Alternatively, press the **Options** soft key and select **Go to Date**. You can enter manually a specific date and press the **OK** soft key or the  key.

- If the calendar date is empty, an empty memo screen displays allowing you to enter a new memo. For more information, see "Creating a New Memo" on page 73. Because you have already specified a calendar date, you will not have to reselect the date.
- If there is one or more events scheduled for that date, they will be displayed on screen.




Consulting the Calendar

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key.
4. Select the date you want to view its memo(s).
If there is more than one memo for that date, the latest memo displays
5. Press the Up or Down key to scroll to the previous or next memo

If you want to make a new memo for that date, press the **Options** soft key.

- **Add Memo:** allows you to add new memo.
 - **Go to Date:** allows you to go directly to a specified date. Enter the date using the keypad.
 - **View All:** allows you to view all memos in the calendar.
 - **Delete Day:** allows you to delete the memo for that day.
 - **Delete All:** allows you to delete all memos in the calendar.
6. When you have finished, press the  key.

Viewing All of the Memos on the Calendar

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key. The calendar displays with today's date highlighted.
4. Press the **Options** soft key and select **View All**. The phone displays the latest memo. You can view all of the memos, starting with the oldest, regardless of the date.
5. To scroll through the memos, press the Left or Right navigation key
6. When you have finished, press the  key.

Using Memo Pad Options




When viewing an item stored in your Organizer, you can access the following options by pressing the **Options** soft key:

- **Add:** allows you to add a memo.
- **Delete:** deletes a memo.
- **Edit:** allows you to edit the content of your memo.
- **Move:** allows you to move a memo.
- **Copy:** allows you to copy a memo.




Deleting Memos

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

1. In Idle mode, press the **Menu** soft key to access menu mode.

2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key. The calendar displays with today's date highlighted.
4. Select the date you want to view its memo(s). If there is more than one memo for that date, the latest memo displays.
5. Press the Left or Right navigation key to scroll to the previous or next memo.
6. Press the **Options** soft key and select **Delete**.
7. Press the **Yes** soft key to confirm deletion.
8. When you have finished, press the  key.

Deleting All Memos








1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key. The calendar displays with today's date highlighted.
4. Press the **Options** soft key and select **Delete All**.
5. Press the **Yes** soft key to confirm deletion.
6. When you have finished, press the  key.


Using the To Do List

The To Do List allows you to



- enter a list of task to be done
- assign a priority and a deadline to each task
- sort the tasks by priority and status

Creating a To Do List




1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **To Do List** and press the **Select** soft key or the  key.
4. Enter your new memo. For more information. see "Entering Text" on page 30.
5. When you're finished entering details for the memo, press the **OK** soft key. The **Calendar** displays.
6. Using the navigation key select a date and press the **Select** soft key or the  key.
7. Using the keypad enter the memo time and press the **OK** soft key or the  key.
8. Select **AM** or **PM**, press the **Select** soft key or the  key. The Alarm Time screen appear in the display.
9. Press the **Yes** soft key to set alarm or press the **No** soft key to save the memo without creating an alarm.
10. Using the keypad enter the Alarm time and press the **OK** soft key or the  key
11. Select **AM** or **PM**, press the **Select** soft key or the  key. The Alarm Tone screen displays.

12. Using the navigation key, highlight an alarm tones and press either the **Select** soft key or the  key.

Adding Tasks to the To Do List

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **To Do List** and press the **Select** soft key or the  key.
4. Press the **Options** soft key and select **Add**. Continue using steps in "Creating a To Do List" on page 78.

Viewing the To Do List

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Organizer** and press the **Select** soft key or the  key.
3. Highlight **To Do List** and press the **Select** soft key or the  key. The tasks displays.
4. You can scroll through the task using the Up and Down navigation key, if necessary.
5. When you have finished, press the  key.

Using To Do List Options




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



- **Add:** allows you to add a new task
- **Mark:** allows you to change the status of a task. Select appropriate status (Done or Undo)

- **Edit:** allows you to edit a task. You can change the text priority, and/or deadline for the task.
- **Move:** allows you to move a task.
- **Copy:** allows you to copy a task.
- **Delete:** deletes a task.
- **Delete All:** allows you to delete all tasks.

Calculator











You can use the phone as a calculator. The calculator provides basic arithmetic functions: addition, subtraction, multiplication, and division using your phone.








1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Calculator** and press the **Select** soft key or the  key.
3. Enter the first number in your equation using the keypad.
 - Press the  to enter a decimal point
 - Press the  to scroll through the operator types displayed at the bottom of the screen. The operator types available are:
 - [+] Addition
 - [-] Subtraction
 - [x] Multiplication
 - [÷] Division
 - [%] Percentage
 - [(] Open Parenthesis
 - [)] Closed Parenthesis
4. Use the keypad to enter the second number into your equation.

5. Press the **Equal** soft key or the  key to perform the operation and view your results in the Answer field of the Calculator screen.
6. Repeat steps 3 to 5 as many times as required.
7. When you have finished, press the  key.




Record Audio


This menu allows you to record a new memo.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. The following sub menu displays.
3. Highlight **Record Audio** and press the **Select** soft key or the  key.
4. Highlight **Record** and press the **Select** soft key or the  key. The following icons appear in the bottom of the display:
 -  Record
 -  Stop
 -  Play
 -  Rewind
 -  Fast Forward
5. Press the **Select** soft key or the  to start recording.
Record a memo by speaking into the microphone.
6. When you press the **Select** soft key or the  key to stop recording or the time expires. The audio is automatically saved and the  play icon is highlighted in red.

7. Press the **Select** soft key or the  key to play recording. During playback the following playback options are available.
 -  Stop
 -  Play
 -  Rewind
 -  Fast Forward
 -  Pause
8. Press the **Options** soft key to display the following
 - **Send:** allows you to send the recorded audio to other people by using the MMS feature. For details about sending a Multimedia message, see "Creating and Sending a Multimedia Message" on page 59
 - **Rename:** allows you to rename the recording.
 - **Delete:** deletes the recording.
 - **Properties:** displays detailed information about the recorded audio message such as name, size and format.
9. When you have finished, press the  key.




Reviewing a Recorded Audio

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Record Audio** and press the **Select** soft key or the  key.
3. Highlight **Recorded Audio** and press the **Select** soft key or the  key. A list of recorded audios display.
4. Scroll to an audio file. Press the **Select** soft key or the  key to play audio.
5. Press the **Options** soft key to display the following.





- **Send:** allows you to send the recorded audio to other people by using the MMS feature. For details about sending a Multimedia message, see "Creating and Sending a Multimedia Message" on page 59
 - **Rename:** allows you to rename the recording.
 - **Delete:** deletes the recording.
 - **Properties:** displays detailed information about the recorded audio message such as name, size and format.
6. When you have finished, press the  key.

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 **Select** soft key or the  key.
3. Press the **Options** soft key and then select **Delete**.
4. Press the **Yes** soft key or the  key to confirm deletion.
5. When you have finished, press the  key.

Delete All Recorded Audios


1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Record Audio** and press the **Select** soft key or the  key.
3. Scroll down using the navigation key and highlight **Delete All** and press the **Select** soft key or the  key.
4. Press the **Yes** soft key or the  key to confirm **Delete All**.
5. When you have finished, press the  key.

Changing Record Audio Settings

You can change the default settings for using Record Audio.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **Record Audio** and press the **Select** soft key or the  key.
3. Select **Settings** and press the **Select** soft key or the  key.

The following options are available:

- **Recording Time:** allows you to set recording time.
 - **Volume:** allows you to set the sound volume.
 - **Default Name:** allows you to set a default name for all recorded audio.
4. When you have finished, press the  key.

Checking Memory Status





You can check the amount of memory being used and the memory remaining for voice memos.

The display shows you the total, used, and free memory, including the number of memos you stored and the total number of memos you can store. For more information, see "Memory Status" on page 67.

Unit Conversion


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

1. In Idle mode, press the **Menu** soft key to access menu mode.

2. Select **Applications**. Highlight **Unit Conversion** and press the **Select** soft key or the  key. The unit conversion sub menu appear display.
 - Length
 - Weight
 - Volume
 - Area
 - Temperature
3. Use the navigation key to highlight a conversion option and press the **Select** soft key or .
4. Enter the amount to convert. Use the  key to insert a decimal.
5. Use the navigation keys, scroll down to **From**. Scroll left or right to select the original unit of measurement.
6. Use the navigation keys, scroll down to **To**. Scroll left or right to select the desired unit of measurement.
7. Press the **OK** soft key or  to calculate the new value.

Timer

Timer allows you to create a digital countdown.

1. In Idle mode, press the **Menu** soft key to access menu mode.
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 to set timer.
4. Using the keypad enter amount of time that you wish to countdown from and press the **OK** soft key.

5. Press the **Start** soft key to start timer.
Press the **Stop** soft key to stop timer.



Stopwatch

You can use this menu to set a stop watch.

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

World Time


World Time allows you to view the time of day or night in any part of the world.

1. In Idle mode, press the **Menu** soft key to access menu mode.
2. Select **Applications**. Highlight **World Time** and press the **Select** soft key or the  key.
3. Use the navigation key to scroll through different time zones. For each time zone, a major city is displayed.
4. Press **Set** to change your phone to the currently selected time zone or press  to exit the World Time application.

Media Net

Your phone is equipped with a WAP (Wireless Application Protocol) browser which allows 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.

Launching the WAP Browser


1. In Idle mode, press the  key to launch the WAP browser.

or

Press the **Menu** soft key to access menu mode and select **Media Net** and press the **Select** soft key or the  key.

2. Highlight **Media Net Home** and press the **Connect** soft key or the  key.

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

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


Accessing a WAP Site

There are several ways to access a WAP site:

- Selecting a link on the browser
- Using a bookmark item in the Favorites folder; use the Bookmarks option on the browser menu list or Favorites menu.

- Entering a URL address manually; use the Go To URL option on the browser menu list or [http://](#) menu.

Navigating the WAP Browser



- To scroll through browser items, press the Up or Down navigation keys.
- To select a browser item, press the  key.
- To select a numbered item, press the corresponding numeric key.

Entering Text in the WAP Browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. For more information, see "Entering Text" on page 30.

Downloading Multimedia Files



You can buy a variety of Multimedia files, such as ringtones, graphics, applications, Multimedia contents, and so on from the WAP browser and download them to your phone's memory. Your phone has embedded links to the WAP sites providing you with download services, preset by your service provider.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Media Net** and press the **Select** soft key or the  key.
3. Select **Media Net Home** and press the **Select** soft key or the  key.
4. Find the item you want to download and follow the instructions on the screen to purchase it.




Favorites



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 book marked sites are stored in the Favorites folder, wherein you can use the 7-preset URL addresses and store your favorite URL addresses.

Accessing a WAP Site Using Favorites


1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Highlight **Media Net** and press the **Select** soft key or the  key.
3. Select **Favorites**.
4. Select a bookmark item from the Favorite list and press the **Select** soft key or the  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 Menu mode.
2. Highlight **Media Net** and press the **Select** soft key or the  key.
3. Select **Favorites**.
4. Select an **Empty** location, and press the **Select** soft key or the  key.
5. Enter the address and press the **OK** soft key or the  key.

6. Enter a name for the bookmark and press the **OK** soft key or the  key. The bookmark name displays in the selected location.
7. When you have finished, press the  key.

Editing a Bookmark

1. From the **Favorites** list, select the bookmark you want to change.
2. Select **Edit**.
3. Change the address and the name, as you would when storing a new one.
4. When you have finished, press the  key.

Deleting a Bookmark

1. From the **Favorites** list, select the bookmark you want to delete.
2. Select **Delete**.
3. Press the **Yes** soft key or the  key to confirm the deletion.
4. When you have finished,  press the key.




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** softkey. For more information on entering text, see "Entering Text" on page 30.


Tip: Use the Symbolic text entry mode to conveniently enter periods and characters such as "/", "~" or "@".

Browser Profiles

You can set up 5 server profiles for the WAP browser.

1. In Idle mode, press the **Menu** soft key to access menu mode and select **Media Net** and press the **Select** soft key or the  key.
2. Using the Up or Down navigation key scroll to **Browser Profiles** and press the **Select** soft key or the  key.
3. Scroll to **Profile Settings** and press the **Select** soft key or the  key.
4. Select the profile you want.

For each profile, the following options are available:




- **Profile Name:** enter a name that you wish to assign to the HTTP proxy server.
- **Home URL:** set the address of your startup homepage. When the default homepage displays, you can delete it using the  key and enter your own choice.
- **Bearer:** select the bearer to be used for each type of network address accessed: **GPRS First**, **GPRS Only** or **GSM Only**.
- **Proxy Use:** enter the WAP gateway address required to connect to the Internet.
- **GPRS Setting:** The following options are available in the GPRS Setting submenu:
 - **Proxy Address:** enter the WAP gateway address required to connect to the Internet.
 - **Proxy Port:** enter the Proxy port required to connect to the Internet.
 - **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 Setting:** The following options are available in the GSM Setting submenu:
 - **Proxy Address:** enter the WAP gateway address required to connect to the Internet.
 - **Proxy Port:** enter the Proxy port required to connect to the Internet.
 - **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**.

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

Clear Cache



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

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

Sound Settings

This section explains how to customize the sound settings for your phone.

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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Sound Settings** and press the **Select** soft key or the  key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the  key.

Incoming Calls

This menu allows you to specify how you are to be informed of incoming calls.

The following options are available:

- **Default Ringtones:** allows you to use the preloaded ringtones that come with your phone.
- **My Audio:** allows you to use recorded audio files.
- **Ring Volume:** allows you to adjust the ring volume to one of 5 levels.
- **Alert Type:** allows you to specify how you are to be informed of incoming calls. The following options are available:
 - **Melody:** the phone rings using the ring melody selected in the Ring Tone menu.
 - **Vibration:** the phone vibrates but does not ring.

- **Vibration then Melody:** the phone first vibrates three times and then starts ringing.

Keypad Tone

This menu allows you to select the tone and volume that the phone sounds when you press a key.

The following options are available:

- **Default Keypad Tone:** allows you to set the keypad sound to Off, Tone or Beep.
- **Volume:** allows you to set the volume of your keypad tone.

Message Tone

This menu allows you to set up the ringer for incoming text and multimedia messages. The following options are available for both the Text and Multimedia submenus:

- **Tone:** allows you to use one of several message tones.
- **Alert Type:** allows you specify how you are informed of any incoming messages.
 - **Silent:** only the text notification appears; the phone neither rings nor vibrates.
 - **Tone:** the phone rings using the tone selected under the Tone option.
 - **Vibration:** the phone vibrates.
 - **Vibration Then Tone:** the phone vibrate then selected tone sounds.
- **Repetition:** allows you to specify how often the phone informs you of a new message. The following options are available:
 - **Once:** the phone alerts you to a new message just once at the time of receipt.

- **Periodic:** 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. To turn off the sound, select **Off**.

Silent Mode

This menu allows you to select how you are notified when silent mode is activated. You can specify whether the phone vibrates or whether it provides no audio notification.


The following options are available:

- **Vibration:** the phone vibrates when a call is received.
- **Mute:** the phone mutes all sounds and vibrations when a call is received.

Extra Tone

You can customize additional tones for the phone. The following events can be set to generate an additional tone:

- **Minute Minder:** allows you to track airtime use by beeping once per minute while connected.
- **Connect Tone:** indicates that your phone has completed the connection.
- **Alerts on Call:** indicates you have a scheduled alert when you are on the phone.
- **Indicative Tones:** generates a tone whenever a pop-up window appears on screen.

To turn a given tone on or off, press the **Select** soft key or the  key. A check mark appears or disappears in front of the option.




My Media

The My Media menu contains several entertainment options.

Graphics

In this menu, you can 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 **My Media** and press the **Select** soft key or the  key.
3. Select **Graphics** and press the **Select** soft key or the  key.
4. Using the navigation keys highlight the desired image and press either the **View** soft key or the  key.
5. Press the **Options** soft key, and select **Set as Wallpaper**.
6. Press **Yes** to confirm your selection.

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




- **Send:** allows you to send the image as part of a multimedia message. For more information, see "Creating and Sending a Multimedia Message" on page 59.
- **Rename:** allows you to change the name of the image.
- **Delete:** deletes the image.
- **Set as Wallpaper:** sets the image as your wallpaper for the idle screen.
- **Properties:** displays the properties of the wallpaper graphic.

Audio

In this menu, you can select a new ringtone from your collection of pre-provided and downloaded ring tunes. In addition, you can record audio clips.

Downloaded Ring Tunes

To select a ringtone:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **My Media** and press the **Select** soft key or the  key.
3. Select **Audio** and press the **Select** soft key or the  key.
4. Select **Downloaded Ring Tunes** 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 Ringtone**.
7. Press **Yes** to confirm your selection.

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

- **Send:** allows you to send the audio file as part of a multimedia message. For more information, see "Creating and Sending a Multimedia Message" on page 59.
- **Rename:** allows you to change the name of the sound.
- **Delete:** deletes the sound.
- **Set as Ringtone:** sets the sound as your ringtone.
- **Properties:** displays the properties of the audio file.

Record Audio




You can record audio clips using your phone's microphone. After recording, you can send the audio clip to other people using Multimedia Messaging. For more information see "Record Audio" on page 81.

Recorded Audio

This menu shows all your recorded audio clips. Scroll to an audio clip and press the **Select** soft key. For more information, see "Reviewing a Recorded Audio" on page 82.

Delete

In this menu, you can delete all of your graphics or audio clips. To delete graphics or audio:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **My Media** and press the **Select** soft key or the  key.
3. Select **Delete** and press the **Select** soft key or the  key.
4. Select either **Graphics** or **Audio** and press the **Select** soft key or the  key.
5. When a confirming message appears, press the **Yes** soft key. To cancel the deletion, press the **No** soft key.

Memory Status

You can check the amount of memory being used and the memory remaining for ring tones, videos and graphics. For more information, see "Memory Status" on page 67.



Address Book

You can store phone numbers and their corresponding names in both your phone's memory and your SIM card. The two memory locations are physically separate but are used together whenever you look up a contact.

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 will need to be re-entered. However, your SIM card cannot store e-mail addresses or detail the type (home, business, fax, etc.) of the stored phone number.


Contact List

Using the Contact list, you can scroll through a list of names and numbers stored in both your phone and your SIM card.

1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.
2. Using the Up or Down navigation key highlight **Contact List** and press the **Select** soft key or the  key.


3. Enter the first few letters of the name.

The Address Book entries are listed, starting with the first entry matching your input.

4. To view the highlighted entry, press the **View** soft key.
5. Press the  key to dial the number, or press the Left soft key to access the Address Book entry options.


New Entry








There are two ways to store a number:

- Using the **Save** soft key or the  key in the idle mode
- Using the **New Entry** option in the Address Book menu




Storing a Number in Idle Mode to your Phone's memory

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










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

2. Select **Phone**, then press the **Select** soft key or the  key.
3. Select the category in which the number is to be stored. By using different categories, you can assign multiple numbers to the same name. Use the Up or Down navigation key to highlight the type and press the **Select** soft key or the  key.
 -  **Mobile**: assigns the number entered to the Mobile category.
 -  **Home**: assigns the number entered to the Home category.
 -  **Office**: assigns the number entered to the Office category.
 -  **Fax**: assigns the number entered to the Fax category.
 -  **Other**: allows you to enter more detailed information for the entry.
4. Enter a name for this entry.

To use the **Entry Options** press the Right soft key. For further details about how to enter characters see "Entering Text" on page 30.




5. Press **OK** soft key or the  key to store the name and number. After storing, the phone displays the phone number and name you just stored.
 - To dial the number, press the  key.
 - To return to the idle screen, press the .

Storing a Number Using the New Entry Option





1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.
2. Select **New Entry**.
3. Select **Phone**, then press the **Select** soft key or the  key.
4. Select the category in which the number is to be stored. By using different categories, you can assign multiple numbers to the same name. Use the Up or Down navigation key to highlight the type and press the **Select** soft key or the  key.
 -  **Mobile**: assigns the number entered to the Mobile category.
 -  **Home**: assigns the number entered to the Home category.
 -  **Office**: assigns the number entered to the Office category.
 -  **Fax**: assigns the number entered to the Fax category.
 -  **Other**: allows you to enter more detailed information for the category.
 -  **E-Mail**: allows you to enter an e-mail address instead of a telephone number. For more information on entering text and inserting symbol characters (like "@"), see "Entering Text" on page 30.


5. Enter the new number and press the **Save** soft key.
6. Enter a name for this entry.


To use the **Entry Options** press the Right soft key. For further details about how to enter characters see "Entering Text" on page 30.

7. Press **OK** soft key or the  key to store the name and number. After storing, the phone displays the phone number and name you just stored.
 - To dial the number, press the  key.
 - To return to the idle screen, press the .

Storing a Number to the SIM Memory

1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.
2. Scroll to **New Entry** by pressing the Up or Down navigation key and press the **Select** soft key or the  key.
3. Select **SIM** and press the **Select** soft key.
4. Enter a number you want to store and press the **Save** soft key or the  key.
5. Enter a name and press the **OK** soft key or the  key.

For further details about how to enter characters, see "Entering Text" on page 30. After storing, the phone displays the Address Book entry number you just created
6. Select the SIM memory location, using the alphanumeric keypad and press the **OK** soft key or the  key.
7. Press the **Options** soft key to display options menu. For more information see "Using Address Book Entry Options" on page 103.

8. To return to the Idle screen, press the  key.



Using Address Book Entry Options

While viewing any Address Book entry, press the Left soft key to use the options for the entry.

The following options are available:

- **Edit Number:** allows you to edit the number.
- **Edit Name:** allows you to edit the name.
- **Send Message:** allows you to send a message to the selected number.
- **Copy:** allows you to copy the number to another location. You can select the memory location, either SIM or Phone, and the location number.
- **Delete Entry:** allows you to delete the name and number from Address Book. You are asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key.

Editing an Entry

1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.
2. Using the navigation key highlight **Contact List** and press the **Select** soft key or the  key.
3. Using the Up or Down navigation key select the Contact you would like to edit and press the **View** soft key.
4. Press the **Options** soft key to display options menu. For more information see "Using Address Book Entry Options" on page 103.

Using the navigation key highlight the desired option that you wish to edit, and press the **Select** soft key.




5. When you finished editing the Contact, press the **OK** soft key. Your changes are saved and a confirmation message appears.

Dialing a Number from Address Book

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

Note: If you cannot remember a location number, you must go into the Contact List in the Address Book menu to search for the entry by name. For details, "Editing an Entry" on page 103.


Dialing a Number from the SIM Card





1. In Idle mode, enter the location number for the phone number you want to dial and press the  key.
The list of entries in the SIM card appears, with the desired number highlighted.
2. You can press the Up or Down key to find other numbers on the list.
3. Press the **Dial** soft key, the  key, or the  key when you have selected the number you want.

Speed Dial



Once you have stored phone numbers from your Address Book list, you can set up to 8 speed dial entries and then dial them easily whenever you want, simply by pressing the associated numeric key.

Setting Up Speed Dial Entries

1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.

2. Scroll to **Speed Dial** by pressing the Up or Down navigation key and press the **Select** soft key or the  key.
3. Select the key to which you wish to assign the speed-dialing number, from the  to  keys., and press the **Select** soft key or the  key.


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


4. Highlight **Edit Number** and press the **Select** soft key or the  key.
5. Enter a number for this speed dial entry and press the **OK** soft key.
6. Highlight **Edit Name** and press the **Select** soft key or the  key.
7. Enter a name for this speed dial entry and press the **OK** soft key.

Editing the Speed Dial List



You can edit the speed dial list by changing the number assignment to a key or deleting all of the entries on the speed dial list.

Changing a Number Assigned to a Key

1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.
2. Select **Speed Dial** and select the key you want to change.
3. Using the Up or Down navigation key highlight **Speed Dial** location you would like to edit and press the **Select** soft key.



4. Select **Edit Number** and press the **Select** soft key. Using the alphanumeric keypad edit number and press **OK**.
5. When you have finished, press the  key.

Deleting Speed Dial Entries

1. In idle mode press the **Menu** soft key. Select **Address Book** and press the **Select** soft key or the  key.
2. Select **Speed Dial** then select the number assigned key you want to delete.
3. Using the Up or Down navigation key highlight the **Speed Dial** location to be deleted and press the **Select** soft key.
4. Using the Up or Down navigation key highlight **Delete** and press the **Select** soft key.
5. Press the **Yes** soft key to confirm the deletion.
6. When you have finished, press the  key.

Copy All to Phone


Copy All to Phone copies all information from the SIM memory to the phone memory.


1. When the Idle screen displays, press the **Menu** soft key. Highlight **Address Book** and press the **Select** soft key or the  key.
2. Select **Copy All to Phone** and press the **Select** soft key or the  key. Press **Yes** to copy or **No** to cancel.

Delete All


You can delete all your entries from your phone's memory, your SIM card, or both.


1. When the Idle screen displays, press the **Menu** soft key.

Highlight **Address Book** and press the **Select** soft key or the  key.

2. Scroll to **Delete All** using the Up or Down navigation keys and press the **Select** soft key or the  key.
3. To place a check mark by the memory location you want to empty.
 - **All**
 - **Phone**
 - **SIM**

Press the **Select** soft key or the  key.

You can remove the check mark by pressing the **Select** soft key or the  key.

4. Press the **OK** soft key to delete the entries in the selected memory location. A confirmation displays. Press **Yes** to confirm deletion or **No** to cancel.
5. Enter the phone password and press the **OK** soft key or the  key.

Note: The password registration will be done by the user.


6. When you are finished, press the  key or the  key.

My Mobile 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. When the Idle screen displays, press the **Menu** soft key.

Highlight **Address Book** and press the **Select** soft key or the  key.

2. Select the **My Mobile Number** option by pressing the Up or Down key and press the **Select** soft key or the  key.

Group Setting




1. When the Idle screen displays, press the **Menu** soft key. Highlight **Address Book** and press the **Select** soft key or the  key.
2. Scroll to **Group Setting** by pressing the Up or Down navigation key and press the **Select** soft key or the  key.
3. Scroll through the group list by pressing the Up or Down navigation key.
4. When the group you want highlights, press the **Select** soft key or the  key.
5. Select each option and change the settings, as required. The following options are available:
 - **Ring tone:** allows you to set the ring tone to be used when you receive a voice call from a member of that group.
 - **Edit Name:** allows you to rename the selected group setting.
 - **View Image:** allows you to view the graphic displayed when you receive a voice call from a member of that group.
6. When you are finished, press the  key or the  key.

Memory Status

You can check how many names and numbers are stored in Address Book, in both SIM card and the phone memory. You can also see the capacity of both memories. For more information, see "Memory Status" on page 67.

Service Numbers

You can view the list of Service Numbers assigned by your service provider. These numbers include emergency numbers, directory enquiries and voice mail numbers.

1. When the Idle screen displays, press the **Menu** soft key. Highlight **Address Book** and press the **Select** soft key or the  key.
2. Select **Service Number** by pressing the Up or Down key and press the **Select** soft key or the  key.
3. Scroll through the numbers by using the Up or Down key. To dial the highlighted number displayed, press the **Select** soft key or the  key.



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

Settings

This section explains how to customize your settings for your phone.

Time & Date

This menu allows you to change the current time and date displayed.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Time & Date**. Press the **Select** soft key or the  key. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
3. When you have finished, press the  key

Set Time

Allows you to enter the current time. You can choose the time format in the Time format menu.

Set Date

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

Time Format

Allows you to change the time format to 12 hours or 24 hours.

Auto Update

Allows you to 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 (Menu 9.1.1).
- **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

To customize the settings for your phone use the following steps:

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Phone Settings**. Press the **Select** soft key or the  key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the  key

Language

From this menu, you can choose which language your phone uses for display and text input. The following menu options are available:

- **Text Language:** selects the language used to display menu titles and phone options on screen.
- **Input Mode:** selects the language used by the T9 dictionary when entering text. For more information, see "Using T9 Mode" on page 32.



For both the Text Language and Input Mode menus, the following options are available: **Automatic**, **English**, or **Français**. When the language option is set to **Automatic** (the default option), the language is automatically selected according to the language used on your SIM card.

Greeting Message

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



Extra Settings


You can turn the automatic redial or answer features on or off.

1. From the **Phone Settings** menu select **Extra Settings**.
2. To turn a feature on, press the **Select** soft key or the  key. A check mark displays in front of the option.
3. To turn a feature off, press the **Select** soft key or the  key. The check mark no longer displays.

The following options are available:



Note: The interval between call attempts varies.

- **Auto redial:** when this option is checked, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.
- **Anykey answer:** when this option is checked, you can answer an incoming call by pressing any key, except the  key or the Reject soft key. To reject the call, press the  key or the Reject soft key.
- **Open to Answer:** when this option is checked, you can simply open the phone to answer a call. When it is unchecked, you must open the phone and press a key to answer a call, depending on the setting of the Anykey answer option. See below.

When this option is unchecked, you must press the  key or Accept soft key to answer a call.

Display Settings

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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings** and highlight **Display Settings** and press the Select or  key.
3. Select a menu and then change the setting. If the menu has submenus, repeat this step.
For the details of each menu, see the next sections.
4. When you have finished, press the  key

Wallpaper

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:

- **Animations:** allows you to choose the multi-Media or pictures that appear in your phone's display when you turn it on, turn it off, and while in standby mode (wallpaper)
- **Graphics:** allows you to select a graphic that appear in your phone's display when you turn it on, turn it off, and while in standby mode.
- **Text Position:** you can specify the positioning of the text in the display.
- **Text Color:** you can specify whether or not the phone displays the time and date on the Idle screen.

Skin

This menu allows you to select the menu display style. You can choose either **Pattern 1** or **Pattern 2**.

Backlight Time

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

Brightness Control

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

Press the Up or Down key or press the Volume keys to adjust the brightness.

Main LCD

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

Press the Up or Down key or press the Volume keys to adjust the brightness.

External LCD

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

Press the Up or Down key or press the Volume keys to adjust the brightness.



Dialing Font Color

Dialing Font Color adjust the color of the numbers as they are entered into the display. Press the **Select** soft key to select **Black** or **Rainbow**.

Network Services

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



1. In Idle mode, press the **Menu** soft key to access Menu


- mode.
2. Select **Settings** and highlight **Network Services**. Press the **Select** soft key or the  key.
 3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
 4. When you have finished, press the  key

Call Forwarding

This network service enables incoming calls to be rerouted to the number that you specify.

For example, you may wish to forward your business calls to a colleague while you are on vacation.


1. From the **Network Services** menu screen, select **Call Forwarding** and press the **Select** soft key or the  key.
2. Select one of the following call forwarding options.
 - **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 or when your phone is switched off.
 - **Cancel All:** all call forwarding options are canceled.
3. Select the type of calls, **Voice Calls** or **Data Calls**. The current status displays. If the option has already been set, the number to which the calls are forwarded displays.
4. Press the **Activate** soft key or the  key.

5. Using the keypad enter the forwarding number and press the **OK** soft key or the  key.

Call Waiting

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


Setting Call Waiting Options

1. From the **Network Services** menu screen, select **Call Waiting**.
2. Select the type of calls, **Voice Calls** or **Data Calls**. The screen informs you whether call waiting is activated or deactivated.
3. Press the **Activate** soft key or the  key to activate the call waiting feature.
4. The phone sends your settings to the network and the network's acknowledgement displays.

Deactivating Call Waiting Settings

1. From the **Network Services** menu screen, select **Call Waiting**.
2. Select the type of calls, **Voice Calls** or **Data Calls**. The screen informs you whether call waiting is activated or deactivated.

Select **Cancel All** to cancel all call waiting options.

3. Press the **Deactivate** soft key or the  key.
4. The phone sends your settings to the network and the network's acknowledgement displays.

Network Selection

The Network Selection feature 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 the two.

1. From the **Network Services** menu screen, select Network Selection.
2. Select the options you want.
 - If you select **Automatic**, you are connected to the first available network when roaming.
 - If you select **Manual**, go to step 3.
3. Select the network you want. The phone will scan for that network and you will be connected.

Caller ID

You can prevent your phone number from being displayed on the phone of the person you are calling.

Note: Some networks do not allow you 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.

Security Settings

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

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

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings**. Highlight **Security** and press the **Select** soft key or the  key.
3. Select a menu and then change the setting. If the menu has submenus, repeat as necessary.
4. When you have finished, press the  key.

PIN Check

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

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 on the phone.
- **Enable:** you are required to enter the phone password when you switch on the phone.

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.

Privacy

Using this menu, you can lock your Media contents, such as picture messages, Voice messages, Voice list, images, and sounds. Once you have locked the contents, you must enter the phone's password to access the associated menus.

1. To select an item to lock, press the Up or Down key. To lock all of the contents, select **All**.
 - To place a check mark, press the  key.
 - To remove a check mark, press the  key.
2. To lock the marked items, press the **OK** soft key. When the phone asks for the password, enter the password and press the **OK** soft key or the  key.

SIM Lock

When the SIM Lock feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code to unlock the SIM so you can use a different SIM card.

Once you have entered the lock code, you are asked to confirm your entry.



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.

Resetting Your Phone

You can easily reset your phone to its' default settings.

1. In Idle mode, press the **Menu** soft key to access Menu mode.
2. Select **Settings**. Highlight **Reset Settings** and press the **Select** soft key or the  key.
3. Select All or a specific setting to reset.
 - **All**
 - **Phone Settings**
 - **Display Settings**
 - **Sound Settings**
4. Press the **Yes** soft key to confirm reset or press the **No** soft key to return to **Reset Settings** screen.
5. Enter the 4 to 8-digit password and press the **OK** soft key or the  key.

Health and Safety

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 1.5 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 0.993 W/Kg.
- Body-worn: 0.51 W/Kg.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov. To find information that pertains to a particular model

phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- "Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- "Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

- "Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- "National Institute for Occupational Safety and Health
- "Environmental Protection Agency
- "Federal Communications Commission
- "Occupational Safety and Health Administration
- "National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods.

Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is

because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is the FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- "If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by

children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with

making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>

- Occupational Safety and Health Administration's (OSHA):
<http://www.osha-slc.gov/SLTC/radiofrequencyradiation/index.html>
- National institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/emfpg.html>
- World health Organization (WHO):
<http://www.who.int/peh-emf/>
- International Commission on Non-Ionizing Radiation Protection:
<http://www.icnirp.de>
- National Radiation Protection Board (UK):
<http://www.nrpb.org.uk>
- Updated 4/3/2002: US food and Drug Administration
<http://www.fda.gov/cellphones>

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our website www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

Hearing 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.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.


Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

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

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

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

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play

with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

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

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

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.

- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

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

Maintaining Your Phone's Peak Performance

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

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

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

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are

available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- 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 and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- 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. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Warranty

Standard Limited Warranty

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

Phone	1 Year
Batteries	1 Year
Leather Case/Pouch	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.

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This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

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Tri-Band SGH-x497 Telephone Quick Reference Card



Access the Menu Functions	<ol style="list-style-type: none"> Press the Menu softkey. Use the navigation keys to highlight the desired menu icon. Press the Select softkey. Scroll using the Up and Down keys through the list of the options until the one you want is selected. Press the Select softkey.
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Each of the two softkeys ( ) perform the function indicated by the text above it on the bottom line in the display.

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 Missed softkey. Scroll using the Up and Down keys through the missed calls. To return the call, press the  key.
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 Alert Type	<ol style="list-style-type: none"> 1 Select the Alert Type menu option (Menu 6.1.4). 2 Select an option: <ul style="list-style-type: none"> • Melody • Vibration • Vibration then Melody 3 Press the Select softkey.
Send a Text Message	<ol style="list-style-type: none"> 1 Select the Text Message menu option (Menu 2.1). 2 Select the Create option. 3 Enter your text message. When you are finished, press 2. 4 Enter an address for this message and press the OK softkey. To send this message to multiple addresses, select an Empty slot and repeat this step. 5 Press the Send softkey to send your message.

Store Numbers in Address Book	<ol style="list-style-type: none"> 1 Enter the number and press the Save softkey. 2 Select a memory location for the address and press the Select softkey. 3 Select an icon and press the Select softkey. 4 Enter the name and press the OK softkey. 5 Press the  key to return to Idle Mode.
Search for a Number in Address Book	<ol style="list-style-type: none"> 1 Select the Address Book menu option (Menu 8). 2 Select the Contact List option. 3 Enter the first few letters of the name. 4 To scroll through the names, press the Up or Down key. 5 Press the View softkey. 6 Press the  key to dial.

