* Some of the contents in this manual may differ from your phone, depending on the software installed or your service provider.

SAMSUNG

ELECTRONICS

Printed in Korea
Code No.: GH68-xxxxxA
English. 12/2002. Rev. 1.0

World Wide Web
http://www.samsungmobile.com

SAMSUNG

DUAL BAND GPRS TELEPHONE SGH-S307

Contents

Important Safety Precautions 7

Unpacking 9

Your Phone 10

Phone Layout 10
Display 13
Service Light 16

Getting Started 17

Installing the SIM Card 17
Charging a Battery 19
Switching the Phone On/Off 21

Call Functions 22

Making a Call 22
Adjusting the Volume 24
Answering a Call 25
Viewing Missed Calls 26
Quickly Switching to the Silent Mode 28

Selecting Functions and Options 29

Phonebook 31

Storing a Number with a Name 31
Using Phonebook Entry Options 34
Searching for a Number in Phonebook 36
Editing a Caller Group 38
Speed-Dialing 39
Checking the Memory Status 40

Entering Text 41

Changing the Text Input Mode 42
Using the T9 Mode 43
Using the Upper/Lower-Case
Character Mode 44
Using the Symbol Mode 46
Using the Number Mode 46

Options During a Call 47

Putting a Call on Hold..... 47
Switching the Microphone Off (Mute)..... 48
Muting/Sending Key Tones..... 49
Searching for a Number in Phonebook 49
Using the SMS Service 50
Answering a Second Call..... 50
Making a Multiparty Call 51

Using the Menus..... 53

Accessing a Menu Function by Scrolling 53
Accessing a Menu Function by Using its Shortcut ... 54
List of Menu Functions..... 54

Messages 60

Inbox *(Menu 1.1)* *60*
Outbox *(Menu 1.2)*..... *62*
Write New *(Menu 1.3)* *63*
Templates *(Menu 1.4)* *65*
Settings *(Menu 1.5)*..... *66*
My Objects *(Menu 1.6)* *67*
Memory Status *(Menu 1.7)* *68*
Voice Mail *(Menu 1.8)*..... *69*
Broadcast *(Menu 1.9)*..... *70*

Call Records 72

Missed Calls *(Menu 2.1)*..... *72*
Incoming Calls *(Menu 2.2)*..... *72*
Outgoing Calls *(Menu 2.3)* *73*
Delete All *(Menu 2.4)*..... *73*
Call Time *(Menu 2.5)*..... *73*
Call Cost *(Menu 2.6)*..... *74*

Sound Settings..... 75

Ring Tone *(Menu 3.1)*..... *75*
Ring Volume *(Menu 3.2)*..... *75*
Alert Type *(Menu 3.3)*..... *76*
Keypad Tone *(Menu 3.4)*..... *76*
Message Tone *(Menu 3.5)*..... *77*
Folder Tone *(Menu 3.6)* *78*
Power On/Off *(Menu 3.7)*..... *78*
Extra Tones *(Menu 3.8)* *78*

Phone Settings..... 80

Infrared Activate *(Menu 4.1)*..... *80*
My Settings *(Menu 4.2)* *81*
Greeting Message *(Menu 4.3)* *82*
Own Number *(Menu 4.4)* *82*
Language *(Menu 4.5)* *83*
Security *(Menu 4.6)*..... *83*
Display Settings *(Menu 4.7)*..... *86*
Extra Settings *(Menu 4.8)*..... *88*
Short Cut *(Menu 4.9)*..... *89*
Reset Settings *(Menu 4.10)*..... *89*

Organizer 90

Calendar *(Menu 5.1)*..... *90*
To Do List *(Menu 5.2)*..... *92*
Time & Date *(Menu 5.3)* *95*
Alarm *(Menu 5.4)*..... *96*
Calculator *(Menu 5.5)*..... *97*
Currency Exchange *(Menu 5.6)* *98*

Network Services 99

Call Forwarding *(Menu 6.1)*..... *99*
Call Barring *(Menu 6.2)* *101*
Call Waiting *(Menu 6.3)*..... *103*
Network Selection *(Menu 6.4)*..... *104*
Caller ID *(Menu 6.5)*..... *105*
Closed User Group (CUG) *(Menu 6.6)* *105*

Funbox..... 107

Games *(Menu 7.1)* *107*
WAP Browser *(Menu 7.2)*..... *108*
Downloads *(Menu 7.3)*..... *114*

Solving Problems 117

Access Codes 120

Phone Password 120
PIN..... 121
PUK 121
PIN2 122
PUK2 122

Health and Safety Information 123

Exposure to Radio Frequency (RF) Signals 123
For Body Operation 125
Precautions When Using Batteries 126
Road Safety 127
Operating Environment 129
Electronic Devices 130
Potentially Explosive Atmospheres 131
Emergency Calls 132
Other Important Safety Information 133
Care and Maintenance 134
Acknowledging Special Precautions and
the FCC and Industry Canada Notice 135

Appendix A: CERTIFICATION INFORMATION (SAR) 137

Appendix B: Guide to Safe and Responsible Wireless Phone Use 139

Appendix C: Consumer Update on Wireless Phones 143

Glossary 153

Index 157

Important Safety Precautions

Read these guide lines before using your wireless phone. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Health and Safety Information" on page 123.

Road Safety at All Times

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

Switching Off When Refueling

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

Switching Off in Aircraft

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

Switching Off in Hospitals

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

Interference

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

Special Regulations

Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Sensible Use

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

Emergency Call

Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press <SEND>. If certain feature are in use, deactivate those features before you can make an emergency call. Give all the necessary information as accurately as possible. Do not cut off the call until given permission to do so.

Water Resistance

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

Accessories and Batteries

Use only Samsung-approved accessories and batteries.

Qualified Service

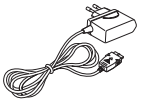
Only qualified service personnel may install or repair your phone.

For more detailed safety information, see “Health and Safety Information” on page 123.

Unpacking

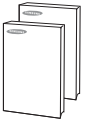
Your package contains the following items:

Handset



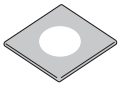
Travel Adapter

Battery

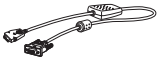


User’s Manuals

Ear-microphone



Software CD-ROM



Data Cable

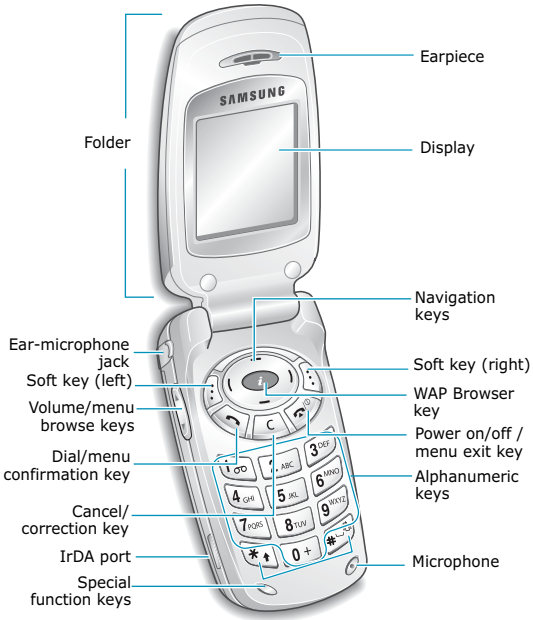
In addition, you can obtain the following accessories for your phone from your local Samsung dealer:

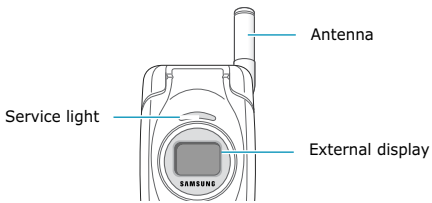
- Ear-microphone
- Simple hands-free kit
- Standard/slim batteries
- Cigarette lighter adapter
- Holster

Your Phone

Phone Layout

The following illustrations show the main elements of your phone:





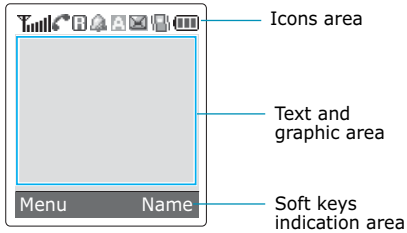
Key	Description
	In Menu Mode, scroll through the menu options and Phonebook memory. In Idle Mode, allow you to access your favourite menu options directly. For more information about shortcuts, see page 89.
	In Menu Mode, return to the previous menu level and select the current menu respectively. When entering text, move the cursor left and right respectively. In Idle Mode, allow you to access your favourite menu options directly. For more information about shortcuts, see page 89.
(soft keys)	Perform the functions indicated by the text above them (on the bottom line of the display).
	In Idle Mode, quickly launches the WAP (Wireless Application Protocol) browser.
	Deletes characters from the display. In Menu Mode, returns to the previous menu level.

Key	Description (continued)
	Makes or answers a call. When held down in Idle Mode, recalls the last number dialed or received. In Menu Mode, selects a menu function or stores information that you have entered, such as a name in the phone or SIM memory.
	Ends a call. Also switches the phone on and off when held down. In Menu Mode, cancels your input and returns to Idle Mode.
	When held down in Idle Mode, quickly accesses your voice mail.
	Enter numbers, letters and some special characters.
	Enter special characters. Perform various functions.
	(on the side of the phone) During a call, adjust the earpiece volume. In Idle Mode, adjust the key volume. In Menu Mode, scroll through the menu options and the Phonebook memory.

Display

Display Layout

The display has three areas.



Area	Description
First line	Displays various icons. See page 14.
Middle lines	Display messages, instructions and any information that you enter, number to be dialed, for example.
Last line	Shows the functions currently assigned to the two soft keys.

Icons

Icon	Description
	Shows the received signal strength. The greater the number of bars, the better the signal.
	Appears when a call is in progress.
	Appears when you are out of your home area and have logged onto a different network, when travelling on othe countries, for example.
	Appears when you set an alarm.
	Appears to indicate the current text input mode when you are entering text.
	Appears when a new text message is received.
	Appears when a new voice mail message is received.
	Appears when the IrDA port is active. For details, see page 80.
	Appears when the mute mode is active.
	Appears when Silent Mode is active or you set the **Alert Type** menu option (**Menu 3.3**), so that the phone vibrates when you receive a call; for further details, see page 76.
	Shows the level pf your battery. the more bars you see, the more power you have left.

Backlight

A backlight illuminates the display and the keypad. When you press any key or open the folder, the backlight turns on and lights for a given period of time, depending on the **Back Light** menu option. Then it dims and finally turns off after one minute.

To specify the length of time for which the backlight is active, set the **Back Light** menu option (**Menu 4.7.2**). See page 86 for further details.

You can also set the phone to use the backlight only during a specified period of time, in the **Auto Light** menu option (**Menu 4.7.3**). See page 87 for further details.

External Display

Your phone has an external display on the cover. It indicates that you have an incoming call or a message, and notifies you when you set an alarm at the specified time.

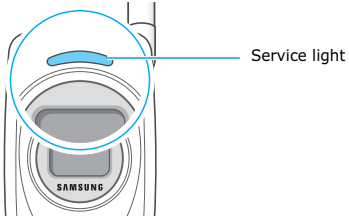
When the folder is closed, the display turns off so that you can use it as a mirror. If you want to turn the display on, press and hold the ▲ or ▼ key on the side of the phone.

The display automatically turns on when a call comes in or you open the folder.

Service Light

The service light is above the external display on the folder cover. It flashes when services are available on the phone.

To activate or deactivate use of the service light, set the **Service Light** menu option (**Menu 4.7.4**); see page 87 for further details.



Getting Started

Installing the SIM Card

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

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

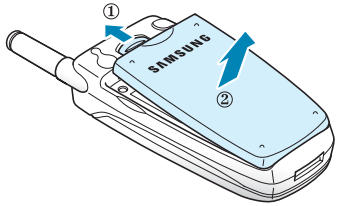
Keep all SIM cards out of the reach of small children.

1. If necessary, switch off the phone by holding down the ☎/⏻ key until the power-off image displays.

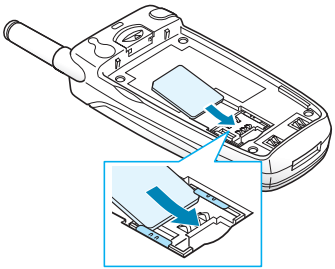
2. Remove the battery. To do so:

   ① Pull and hold the battery lock above the battery toward the top of the phone.

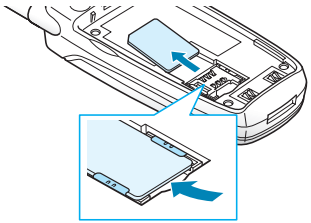
   ② Lift the battery away, as shown.



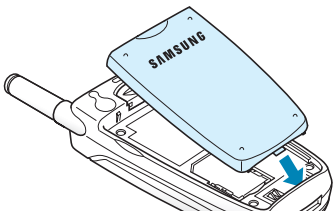
3. Slide the SIM card into the SIM card socket so that it locks the card into place.
   Make sure that the notched coner is bottom left and the gold contacts of the card face into the phone.



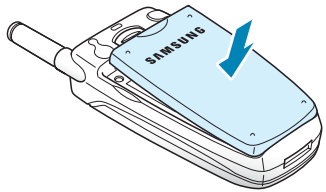
Note: When you need to remove the SIM card, slide it, as shown, and take it out of the socket.



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



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



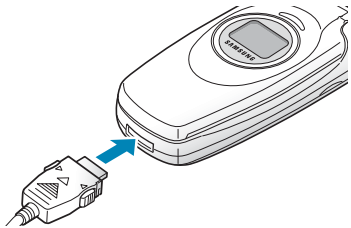
Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. A travel adapter comes with your phone. 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 will cause the phone to charge more slowly.

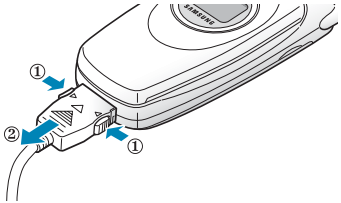
Note: You must fully charge the battery before using your phone for the first time. A discharged battery is fully recharged in approximately 200 minutes.

1. With the battery in position on the phone, plug the connector of the travel 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 from the phone by pressing the gray tabs on both sides of the connector and pulling the connector out.



Note: Do not remove the battery from the phone without unplugging the adapter while it is charging. If you do this, the phone may be damaged.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, you hear a warning tone and a message is repeated at regular intervals on the display.

When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On/Off

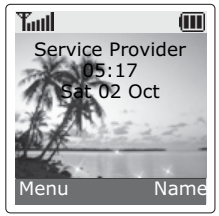
1. Open the folder.

2. Hold down the ☎/⏻ key until the phone switches on.

3. If the phone asks for a password, enter the password and press the **OK** soft key. The phone password is factory set to "00000000." For further details, see page 120.

4. If the phone asks for a PIN, enter the PIN and press the **OK** soft key. For further details, see page 121.

   The phone searches for your network and when it finds the network, the idle screen, illustrated below, appears on each display. Now, you can make or receive a call.



Note: The display language is preset to English at the factory. To change the language, use the **Language** menu option (**Menu 4.5**). For further details, refer to page 83.

5. When you wish to switch the phone off, hold down the ☎/⏻ key until the power-off image displays.

Call Functions

Making a Call

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

Note: If you have checked the **Auto Redial** option in the **Extra Settings** menu (**Menu 4.8**), the number is redialed automatically up to ten times when the person does not answer the call or is already on the phone. See page 88 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

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

Ending a Call

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

Redialing the Last Number

The phone stores the numbers you dialed, received or missed if the callers are identified. See "Call Records" on page 72 for further details.

To recall any of these numbers:

1. If you have typed any characters on the display, press the key to return to Idle Mode.
2. Press the key to display a list of the last numbers in the order when the calls were made.
3. Use the and keys to scroll through the numbers until the required number highlights.
4.

To	Press the
dial the number	key.
edit the number	**Edit** soft key and change the number as required, referring to "Correcting the Number" on page 22 for further details.

Making a Call from Phonebook

You can store frequently phone numbers that you use regularly in the SIM card or the phone's memory, which are collectively called Phonebook. Simply select the required name to recall the associated number. For further details about the Phonebook features, refer to page 31.

Adjusting the Volume

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

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

In Idle Mode with the folder open, you can also adjust the key volume using these keys.

Answering a Call

When somebody calls you, the phone rings and the incoming call animation appears on the display.

When the caller can be identified, the caller's phone number, or name if stored in your Phonebook, displays.

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

   If the **Anykey Answer** option in the **Extra Settings** menu (**Menu 4.8**) is checked, you can press any key to answer a call except for the key and the **Reject** soft key. See page 88.

   If the **Active Folder** option in the **Extra Settings** menu (**Menu 4.8**) is checked, you can answer the call simply by opening the folder. See page 88.

   Note: To reject an incoming call, press and hold the volume keys on the left side of the phone before opening the folder.

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

Note: You can answer a call while using the Phonebook or menu features.

Viewing Missed Calls

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

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

To view the missed call immediately:

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

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

3.

To	Press the
scroll through the missed calls	or key.
call the number displayed	key.
edit or delete a missed call number	**Select** soft key. See below.

Editing a Missed Call Number

Note: If the number corresponding to the missed call is not available, the **Edit Number** option does not display.

1. Press the **Options** soft key.
2. Press the or key to highlight the **Edit Number** option.

3. Press the **Select** soft key.
4. Change the number as required.
5.

To	Press the
call the number	key.
store the number	**Save** soft key and enter the name and location required. For further details, refer to page 31.

Deleting a Missed Call

1. Press the **Options** soft key.
2. If necessary, press the or key to highlight the **Delete** option.
3. Press the **Select** soft key.

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

Note: You can access the Missed Call feature at any time by selecting the **Missed Calls** menu option (**Menu 2.1**). For further details, see page 72.

Quickly Switching to the Silent Mode

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

In Idle Mode, to switch your phone quickly to the silent mode, simply press and hold the key until the "Silent Mode" message and the Vibration icon ( ) display.

In the silent mode, your phone changes the sound settings as follows:

Option	New Setting
Alert Type (**Menu 3.3**)	Vibration
Keypad Tone (**Menu 3.4**)	OFF
SMS Tone (**Menu 3.5.1**)	Light Only

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

Selecting Functions and Options

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

The roles of the soft keys vary according to the current context; the label on the bottom line of the display just above each key indicates its current role.

Example:

Press the left soft key to access Menu Mode.

Press the right soft key to access the Phonebook feature.

To view the various functions/options available and select the one required:

1. Press the appropriate soft key.

2.

To	Press the
select the: • function displayed or • option highlighted	**Select** soft key or the) key.
view the next function or highlight the next option on a list	key or ▼ key on the left side of the phone.
move back to the previous function or option on a list	key or ▲ key on the left side of the phone.
move back up one level in the structure	(key, soft key or key.
exit the structure without changing the settings	key.

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

Phonebook

You can store phone numbers and their corresponding names in the memory of your SIM card. In addition, you can store up to 500 numbers in the phone's memory. The SIM card and phone's memories, although physically separate, are used as a single entity, called Phonebook.

Storing a Number with a Name

There are two ways to store a number:

- Using the **Save** soft key in Idle Mode
- Using the **New Entry** option in the Phonebook menu

Storing a Number in Idle Mode

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

1. Enter the number to be stored.

   Note: If you make a mistake while entering a number, correct it using the key. For further details, refer to page 22.

2. When you are sure that it is correct, press the **Save** soft key.

3. Select an icon to identify the category of number to be stored. Three categories are available.

   - : mobile phone number
   - : office number
   - : home number

   To select the category, press the (or) key and press the **Select** soft key.

4. Enter a name and press the **OK** soft key.

   The maximum length of a name depends on your SIM card. For information about how to enter characters, see page 41.

5. Press the right soft key, labeled **To Card** or **To Phone** to switch between the phone's and card's memories.

   Note: If you change phones, any numbers stored in your SIM card memory will automatically be available with the new phone, whereas any numbers stored in the phone's memory must be restored.

6. If you do not want to save the number and name in the suggested location, press the C key to clear the location number and enter your preferred location by pressing the number keys.

7. Press the **OK** soft key to store the name and number.

   After storing, the phone displays the Phonebook entry or name just created.

8.

To	Press the
use the entry options	**Options** soft key.
return to the idle screen	☎/⏻ key.

Storing a Number Using the Phonebook Menu

1. When the idle screen displays, press the **Name** soft key.

2. Scroll to **New Entry** by pressing the ⌒ or ⌣ key and press the **Select** soft key.

3. Select an icon to identify the category of the number to be stored by pressing the (or) key, and press the **Select** soft key.

   Note: The E-mail icon ( ) is available in this step. It allows you to save an E-mail address instead of a phone number.

4. Enter a name and press the **OK** soft key.

   The maximum length of a name depends on your SIM card. For information about how to enter characters, see page 41.

5. Enter a number and press the **Save** soft key.

6. Follow from Step 5 on page 32 to store the number.

Using Phonebook Entry Options

While accessing any Phonebook entry, press the **Options** soft key to use the options for the entry.

To	Press the
select the highlighted option	**Select** soft key or the key.
highlight a different option	or key until the required option highlights.

The following options are available:

Paste: allows you to paste the number into normal dialing mode.

Use this option to dial a number similar to one in Phonebook, a different extension in the same office, for example.

Use the key to change the number as required; refer to page 22 for further details. When you are ready to dial, press the key.

Edit: allows you to edit the Phonebook entry.

Select **One Entry** to change one number in the name. If you change the name, the number is saved separately. Select **All Entry** to change the name of the entry.

Erase: allows you to erase the name and number from Phonebook. You are asked to confirm that you wish to erase the name and number by pressing the **Yes** soft key.

Copy: allows you to copy the number to another location. Use this option to store a number similar to one already in the memory; once copied, edit the number and store it in Phonebook.

Caller Group: allows you to assign the entry to a caller group so that the phone alerts you in a particular way when the corresponding person calls you. Select one of the ten groups available.

To remove an entry from a group, select the **No Group** option.

For more information about how to change caller group properties, see page 38.

Add Entry: allows you to add a new number in a different category (mobile, office, home or E-mail) to the current name.

Searching for a Number in Phonebook

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

Searching for a Number by Name

1. When the idle screen displays, press the **Name** soft key.
2. Press the **Select** soft key when **Search** highlights. You are asked to enter a name.
3. Enter the first few letters of the name that you wish to find.

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

4.

To	Press the
view the highlighted entry	**View** soft key.
select a different entry	or key until the required entry highlights.
look for a name starting with a different letter	key labeled with the required letter.

5. Once you have found the required entry, press the key to dial the number, or press the **Options** soft key to access the Phonebook entry options; for further details, see page 34.

Searching for a Number by Caller Group

1. When the idle screen displays, press the **Name** soft key.
2. Scroll to **Group Search** by pressing the or key and press the **Select** soft key. You are asked to enter a group name.
3. Enter the first few letters of the group name that you wish to find.

   The caller groups are listed, starting with the first group matching your input.

4. Scroll to the required group by pressing the or key and press the **View** soft key.

   The Phonebook entries in the caller group are listed.

5.

To	Press the
view the highlighted entry	**View** soft key.
select a different entry	or key until the required entry highlights.

6. Once you have found the required entry, press the key to dial the number, or press the **Options** soft key to access the Phonebook entry options; for further details, see page 34.

Editing a Caller Group

1. When the idle screen displays, press the **Name** soft key.
2. Scroll to **Group Edit** by pressing the ⌒ or ⌣ key and press the **Select** soft key.
3. Enter the first few letters of the required group name or scroll through the group list by pressing the ⌒ or ⌣ key.
4. When the group you want to edit highlights, press the **Options** soft key.
5. Select each option and change the settings, as required. The following options are available:
   - **Call ring tone**: allows you to set the ring tone to be used when you receive a voice call from a person in the group.
   - **SMS tone**: allows you to set the ring tone to be used when you receive a text message from a person in the group.
   - **Graphic**: allows you to set the graphic icon to be displayed when you receive a voice call from a person in the group.
   - **Group Name**: allows you to assign a name to the group. For further details about how to enter characters, see page 41.
6. When you finish changing the settings, press the C or ☎/⏻ key.

Speed-Dialing

Once you have stored phone numbers in the SIM card, you can set up to eight speed-dial entries and then dial them easily whenever you want, simply by pressing the associated number key.

Setting Up Speed-Dial Entries

1. When the idle screen displays, press the **Name** soft key.
2. Scroll to **Speed Dial** by pressing the ⌒ or ⌣ key and press the **Select** soft key.
3. Select the key, 2 ABC to 9 WXYZ, to which you wish to assign the speed-dialing feature, and press the **OK** soft key.

   Note: If you have already assigned a number to the key, the **Options** soft key replaces the **OK** soft key. Go to Step 6.
4. Select the required Phonebook entry from the list and press the **View** soft key.
5. Select the required number if the entry has more than one number, by pressing the ⌒ or ⌣ key and press the **Select** soft key.
6. Once you have assigned a number to the selected key, you can use the following options by pressing the **Options** soft key:
   - **Change**: allows you to assign a different number to the key.
   - **Erase**: allows you to clear the setting so that no number is assigned to the key.

- **Erase All**: allows you to clear the settings for all keys so that no numbers are assigned to any of the keys.
- **Number**: allows you to view the number assigned to the key.

7. When you have finish setting the option, press the C or /⏻ key.

Speed-Dialling from Phonebook

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

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

Checking the Memory Status

You can check how many names and numbers are stored in Phonebook; SIM card and phone memories. You can also see the capacity of both memories.

1. When the idle screen displays, press the **Name** soft key.
2. Select the **Memory Status** option.
3. Press the ⌒ or ⌣ key to view the number of existing and remaining entries in the card and phone memories.

Entering Text

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

Your phone has the following text input modes:

- **T9 mode**

  This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter – when you press the 5 key once, J, K or L may be displayed. The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional upper/lower-case character modes.

- **Upper/lower-case character modes**

  These modes allow you to enter letters by pressing the key labeled with the required letter once, twice, three or four times until the letter displays.

- **Symbol mode**

  This mode allows you to enter symbols, such as punctuation marks.

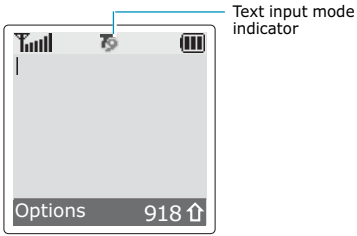
- **Number mode**

  This mode allows you to enter numbers.

Changing the Text Input Mode

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

Example: When you create a text message:



To select the	Press the ⇧ soft key until
T9 mode	displays. See page 43.
Upper-case character mode	displays. See page 44.
Lower-case character mode	displays. See page 44.
Number mode	displays. See page 46.
Symbol mode	displays. See page 46.

Using the T9 Mode

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

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

   Example: to enter *Hello* in the T9 mode, press 4, 3, 5, 5 and 6.

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

2. Enter the whole word before editing or deleting the keystrokes.

3. If the word is correct, start entering the next word.

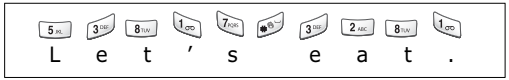
   Otherwise, press the 0, ⌒ or ⌣ key to display alternative word choices for the keys that you have pressed.

   Example: both *Of* and *Me* have the sequence 6, 3. The phone displays the most commonly used choice first.

4. Put a space between each word by pressing the * key.

- To enter full stops, hyphens or apostrophes, press the key. The T9 mode applies grammar rules to ensure that the correct punctuation is used.

  Example: is used twice to display two punctuation marks:



- To shift the case in the T9 mode, use the key. There are two cases: Lower Case ( ) and Capital Lock ( ).
- You can move the cursor by using the (and) keys. To delete letters, press the key. Press and hold down the key to clear the display.

Using the Upper/Lower-Case Character Mode

Use the to keys to enter your text.

1. Press the key labeled with the required letter:

   - Once for the first letter
   - Twice for the second letter
   - And so on

2. Select the other letters in the same way.

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

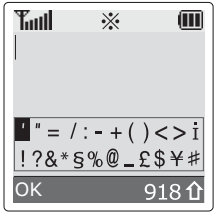
Refer to the table below for more information about the characters available.

Key	Characters in the Order Displayed	
	Upper Case	Lower Case
1	Space . 1 ! ? & ¡ ¿ §	. % @ _ £ $ ¥ ¤ §
2	A B C 2 Ä Å Æ Ç Γ	a b c 2 à ä å æ Γ
3	D E F 3 É Δ Φ	d e f 3 è é Φ
4	G H I 4 Θ Ψ	g h i 4 ì Ψ
5	J K L 5 Λ	j k l 5 Λ
6	M N O 6 Ñ Ø Ö ö	m n o 6 ñ ø ò ö
7	P Q R S 7 Π Σ Ξ	p q r s 7 ß Σ Ξ
8	T U V 8 Ü ü	t u v 8 ù ü
9	W X Y Z 9 Ω	w x y z 9 Ω
0	0 * # , ; ‘ “ =	/ : - + ( ) < >

- To insert a space, press the key.
- You can move the cursor by using the (and) keys. To delete letters, press the key. Press and hold down the key to clear the display.

Using the Symbol Mode

The Symbol mode enables you to insert symbols in a text message.



Use the navigation keys to scroll to a symbol and then press **OK** soft key to insert the highlighted symbol into your message.

Using the Number Mode

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

Options During a Call

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

Putting a Call on Hold

You can place the current call on hold whenever you want. You can make another call while you have a call in progress if this service is supported by the network. Of these two calls, one is active and the other is on hold and you can switch between the calls.

To place a call on hold, simply press the **Hold** soft key. You can reactivate the call whenever you want, by pressing the **Unhold** 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 Phonebook.
2. Press the key to dial the second call.
   The first call is automatically put on hold.

Or alternatively:

1. Put the current call on hold by pressing the **Hold** soft key. Or press the **Options** soft key and select the **New Call** option.
2. Make the second call in the normal way.

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 the other party.

When you have finished, end each call normally by pressing the key.

Switching the Microphone Off (Mute)

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

Example: You wish to say something to another person in the room but do not want the other party to hear you.

To switch the microphone off temporarily:

1. Press the **Options** soft key.
2. If necessary, press the key to highlight the **Mute** option.
3. Press the **OK** soft key.

   The other party can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key.
2. If necessary, press the key to highlight the **Unmute** option.
3. Press the **OK** soft key.

   The other party can hear you again.

Muting/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 key tones. It allows you to press keys without hearing annoying key tones during a call.

Note: To communicate with answering machines or computerised telephony systems, the **Send DTMF** option must selected.

Searching for a Number in Phonebook

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

1. Press the **Options** soft key.
2. Press the key to highlight the **Phonebook** option.
3. Press the **OK** soft key.

   The Phonebook entries are listed.
4. Enter the name that you wish to find.

   If you enter the first few letters of the name, the Phonebook 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 Phonebook feature, refer to page 31.

Using the SMS Service

If you receive an SMS (Short Message Service) message during a call, the Message icon ( ) flashes on the display. The **Messages** option enables you to use this feature.

For further details about the SMS service, refer to page 60.

Answering a Second Call

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 option (**Menu 6.3**) to **Activate** (see page 101). You will be 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 and select the **End Held Call** option.
3. To end the current call, press the /① key.

Making a Multiparty Call

A multiparty call is a network service that allows up to six people to take part simultaneously in a multiparty or conference call. For more information, contact your service provider.

Setting up the Multiparty 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 multiparty call, press the **Options** soft key and select the **Join** option. Press the **OK** soft key.
4. To add a new person to the multiparty call, call the person in the normal way and then press the **Options** soft key. Select the **Conference** option and press the **OK** soft key.

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

Having a Private Conversation With One Participant

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

   The list of call participants appears.
2. Highlight a person by pressing the or key, and press the **Select** soft key or the key.

3. When the **Private** option highlights, press the **OK** soft key.

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

4. To return to the multiparty call, press the **Options** soft key and select **Conference**. Press the **OK** soft key.

   All of the multiparty call participants can now hear each other.

Dropping One Participant

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

   The list of call participants appears.

2. Highlight a person by pressing the or key, and press the **Select** soft key or the key.

3. Press the key to select the **Remove** option and press the **OK** soft key.

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

4. When you want to end the multiparty call, close the folder or press the key.

Using the Menus

The phone offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and sub-menus.

The menus and sub-menus can be accessed by scrolling with the navigation keys or by using the shortcuts.

Accessing a Menu Function by Scrolling

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

2. Scroll with the and keys to reach the required main menu, **Phone Settings** for example. Press the **Select** soft key or the key to enter the menu.

3. If the menu contains any sub-menus, **Language** for example, you can access them by scrolling with the and keys and pressing the **Select** soft key.

   If the menu that you have selected contains further options, repeat the same procedure.

4.

To	Press the
scroll through the menus	or key or use the ▲ and ▼ keys on the left side of the phone.
confirm the chosen setting	return to the previous menu level.
return to the previous menu level	soft key or the key.
exit the menu without changing the settings	key.

Accessing a Menu Function by Using its Shortcut

The menu items, such as menu, sub-menus and options, are numbered and can be accessed quickly by using their shortcut numbers. The shortcut number is shown at the bottom right next to the ↺ soft key on the display. Simply press the **Menu** soft key and key in the required number.

Note: The numbers assigned to each menu option are indicated on the list on the next page. They may not match the menu number on the phone. It depends on the services supported by the SIM card.

Example: Accessing the **Language** option.

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

   The languages available display directly.

List of Menu Functions

The following list shows the menu structure available and indicates the:

- number assigned to each option
- page on which you can find a description of each feature

Note: If you use a SIM AT card that provides additional services, the **SIM AT** menu (**8**) is displayed first when you press the **Menu** soft key to enter menu mode. For further details, refer to your SIM card manual.

1. Messages **(see page 60)**

- 1.1 Inbox
- 1.2 Outbox
- 1.3 Write New
- 1.4 Templates
- 1.5 Settings
  - 1.5.1 Setting 1*
  - 1.5.2 Setting 2*
  - 1.5.3 Setting 3*
  - 1.5.4 Common Setting
- 1.6 My Objects
  - 1.6.1 My EMS Melody
  - 1.6.2 My EMS Picture
  - 1.6.3 My EMS Animation
  - 1.6.4 Delete All
- 1.7 Memory Status
  - 1.7.1 SIM memory
  - 1.7.2 PHONE memory
  - 1.7.3 CB memory
  - 1.7.4 Delete all
- 1.8 Voice Mail
  - 1.8.1 Connect to Voice Server
  - 1.8.2 Voice Server Number
- 1.9 Broadcast
  - 1.9.1 Read
  - 1.9.2 Receive
  - 1.9.3 Channel List
  - 1.9.4 Language

* Shown only if supported by your SIM card.

2. Call Records (see page 72)

- 2.1 Missed Calls
- 2.2 Incoming Calls
- 2.3 Outgoing Calls
- 2.4 Delete All
  - 2.4.1 Missed Calls
  - 2.4.2 Incoming Calls
  - 2.4.3 Outgoing Calls
- 2.5 Call Time
  - 2.5.1 Last Call Time
  - 2.5.2 Total Outgoing
  - 2.5.3 Total Incoming
  - 2.5.4 Reset Timers
- 2.6 Call Cost*
  - 2.6.1 Last Call Cost
  - 2.6.2 Total Cost
  - 2.6.3 Max Cost
  - 2.6.4 Reset Counters
  - 2.6.5 Set Max Cost
  - 2.6.6 Price/Unit

3. Sound Settings (see page 75)

- 3.1 Ring Tone
- 3.2 Ring Volume
- 3.3 Alert Type
- 3.4 Keypad Tone
- 3.5 Message Tone
  - 3.5.1 SMS Tone
  - 3.5.2 SMS-CB Tone
- 3.6 Folder Tone
- 3.7 Power On/Off
- 3.8 Extra Tones
  - 3.8.1 Error Tone
  - 3.8.2 Minute Minder
  - 3.8.3 Connect Tone

4. Phone Settings (see page 80)

- 4.1 Infrared Activate
- 4.2 My Settings
  - 4.2.1 Wallpaper
  - 4.2.2 Menu Style
- 4.3 Greeting Message
- 4.4 Own Number
- 4.5 Language
- 4.6 Security
  - 4.6.1 PIN Check
  - 4.6.2 Change PIN
  - 4.6.3 Phone Lock
  - 4.6.4 Change Password
  - 4.6.5 SIM Lock
  - 4.6.6 FDN Mode*
  - 4.6.7 Change PIN2*
- 4.7 Display Settings
  - 4.7.1 Contrast
  - 4.7.2 Back Light
  - 4.7.3 Auto Light
  - 4.7.4 Service Light
  - 4.7.5 Graphic Logo
- 4.8 Extra Settings
  - 4.8.1 Auto Redial
  - 4.8.2 Active Folder
  - 4.8.3 Anykey Answer
- 4.9 Short Cut
- 4.10 Reset Settings

5. Organizer (see page 90)

- 5.1 Calendar
- 5.2 To Do List
- 5.3 Time & Date
  - 5.3.1 Set Time
  - 5.3.2 Set Date
  - 5.3.3 World Time
  - 5.3.4 Time Format
- 5.4 Alarm
- 5.5 Calculator
- 5.6 Currency Exchange

* Shown only if supported by your SIM card.

6. Network Services (see page 99)

- 6.1 Call Forwarding
  - 6.1.1 Forward Always
  - 6.1.2 Busy
  - 6.1.3 No Reply
  - 6.1.4 Unreachable
  - 6.1.5 Cancel All
- 6.2 Call Barring
  - 6.2.1 All Outgoing
  - 6.2.2 International
  - 6.2.3 International Except to Home
  - 6.2.4 All Incoming
  - 6.2.5 Incoming While Abroad
  - 6.2.6 Cancel All
  - 6.2.7 Change Barring Password
- 6.3 Call Waiting
  - 6.3.1 Voice Calls
  - 6.3.2 Data Calls
  - 6.3.3 Cancel All
- 6.4 Network Selection
  - 6.4.1 Automatic
  - 6.4.2 Manual
- 6.5 Caller ID
  - 6.5.1 Default
  - 6.5.2 Hide Number
  - 6.5.3 Send Number
- 6.6 Closed User Group
  - 6.6.1 Index List
  - 6.6.2 Outside Access
  - 6.6.3 Default Group
  - 6.6.4 Deactivate*

* Shown only when a Closed User Group is activated.

7. Funbox (see page 107)

- 7.1 Games
  - 7.1.1 Honey Ball
  - 7.1.2 Go! Hamster
- 7.2 WAP Browser
  - 7.2.1 Home
  - 7.2.2 Favorite
  - 7.2.3 http://
  - 7.2.4 Settings
  - 7.2.5 Clear Cache
  - 7.2.6 Push Message
- 7.3 Downloads
  - 7.3.1 Games & More
  - 7.3.2 Sounds
  - 7.3.3 Pictures
  - 7.3.4 DNS Setting

Messages

The SMS (Short Message Service) function is a network service and may not be supported by your network. Messages can be sent by text, fax, Email and paging messaging systems, provided that these services are supported by your network. To send text messages by phone, you must obtain the number of the SMS center from your service provider.

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 ones.

Inbox *(Menu 1.1)*

This Message box is used to store the 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 Phonebook.

1. Select a message from the list and press the **View** soft key to read the message contents.
2. To scroll through the contents, press the or key.
3. To scroll to the previous or next messages, press the or key.

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

Delete: allows you to delete the message.

Send: allows you to resend the message. For further information about how to send a message, see page 63.

Reply: allows you to reply to the sender by sending a text message. You can also change the SMS center number, if required.

Call Back: allows you to call the sender back.

Cut Address: allows you to extract URL or e-mail addresses or a phone numbers from the message text, so that you can save them in your phone's memory.

Move: allows you to move the message to another memory location, from the SIM card memory to the phone's memory or vice versa.

Select Objects: allows you to save the media items, such as sounds or images, from the message into your phone's memory. You can then use the items when writing a message; for details, see page 64.

Outbox *(Menu 1.2)*

This message box is used to store the messages that you have already 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 Phonebook.

1. Select a message from the list and press the **View** soft key to read the message contents.
2. To scroll through the contents, press the ⌒ or ⌣ key.
3. To scroll to the previous or next messages, press the * or # key.

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

Delete: allows you to delete the message.

Send: allows you to resend the message. For further information about how to send a message, see page 63.

Cut Address: allows you to extract URL or e-mail addresses or a phone numbers from the message text, so that you can save them in your phone's memory.

Move: allows you to move the message to another memory location, from the SIM memory to the phone's memory or vice versa.

Select Objects: allows you to save the media items, such as sounds or images, from the message into your phone's memory. You can then use the items when writing a message; for details, see page 64.

Write New *(Menu 1.3)*

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

Note: You can enter up to 918 alphanumeric characters for your message. When you add media items to the message, the number of characters you can enter decreases.

Creating a Simple Text Message

1. Create your message.

   Note: For more information about entering characters, refer to page 41.

2. When you finish entering your message, press the **Options** soft key. The following options are available:
   - **Send**: allows you to send the message. The message is deleted after sending.
   - **Save and Send**: allows you to save a copy of the message into the specified memory and then send the message to the destination. You can read the message in your Outbox.
   - **Save**: allows you to save the message into the specified memory so that it can be sent later. You can read the message in your Outbox.
   - For information about the **Text Formatting**, **Add Objects**, **Add Templates**, **Add Phonebook**, **Add Bookmark** and **Language** options, see "Creating a Message Using the Options" on page 64.

3. Select **Send** or **Save and Send**, and press the **Select** soft key.

   When you only want to save the message, select **Save**. After saving the message, the phone returns to the **Messages** menu.

4. If you select a save option, choose the memory where the message is saved and press the **OK** soft key.

5. Enter a destination number and press the **OK** soft key. The message is sent.

Creating a Message Using the Options

1. Create your message.

2. Press the **Options** soft key.

3. Select one of the following options by using the ⌒ and ⌣ keys and pressing the **Select** soft key.

   - **Text Formatting**: allows you to format the style of the text. For the **Size** attribute, the **Normal**, **Large** and **Small** sizes are available. For the **Underline** and **Strikethrough** attributes, select **On** or **Off**. The attributes can be combined.
   - **Add Objects**: allows you to add a sound, melody, picture or animation to your message. Select the category of item to be added; **Sound**, **Melody**, **Picture** and **Animation** are available. In each category, you can select various factory-set items or choose an item received from other sources, such as the Internet or other phones.

   - **Add Templates**: allows you to apply one of the preset message templates to the text. Select one of the five messages preset in the **Templates** menu option (**Menu 1.4**); for further details, see page 65.
   - **Add Phonebook**: allows you to add a Phonebook entry in your message. Select one from the list.
   - **Add Bookmark**: allows you to add a web page's address stored to your Favorite list (**Menu 7.2.2**). Select one from the list.
   - **Language**: allows you to change the language to be used in the T9 input mode. Select the language to be used.

4. Complete the message, and send or save it by following the procedure from Step 2 on page 63.

Templates *(Menu 1.4)*

Using this menu, you can preset messages that you use most frequently.

Scroll through the template list using the ⌒ and ⌣ keys. When the message template you want to edit highlights, press the **Options** soft key.

The following options are available.

Edit: allows you to write a new message or edit the selected message.

Note: For further information about how to enter characters, refer to page 41.

Send Message: allows you to recall the selected message. Once you have completed the message, you can send, save and send, or simply save it. For details on how to send a message, see page 63.

Delete: allows you to delete the selected message. You are asked to confirm the deletion by pressing the **Yes** soft key.

Settings *(Menu 1.5)*

In this menu, you can set up default SMS information. A setting group is a collection of settings required to send messages. The number of setting groups available depends on the capacity of your SIM card.

Setting x (where **x** is the setting group number): each group has its own sub-menu.

Service Center: allows you to store or change the number of your SMS center required when sending messages. You must obtain this number from your service provider.

Default Destination: allows you to store the default destination number. The number automatically displays on the Destination screen when you create a message.

Default Type: allows you to set the default message type- Text, Fax, Email and Paging. The network can convert the messages into the selected format.

Default Validity: allows you to set the length of time for which your text messages is stored at the message center while attempts are made to deliver them.

Setting Name: allows you to give a name to the setting group currently being defined.

Common Setting: The following options are available:

Reply Path: allows the recipient of your SMS message to send you a reply message via your message center, if your network supports with this service.

Delivery Reports: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message has been delivered.

Bearer Selection: allows you to choose between **GSM** and **GPRS**.

My Objects *(Menu 1.6)*

After saving any objects received in messages into your phone memory, using the **Select Objects** option (see page 61), you can see the items in this menu.

Three categories of items are available:

- **My EMS Melody**
- **My EMS Picture**
- **My EMS Animation**

You can forward the items to other people by including into a message and/or use them for your ring tone or background them in an image.

You can delete all of the items using the **Delete All** option (**Menu 1.6.4**).

To	Press the
select a message box to delete	**Mark** soft key.
cancel the selection	**Unmark** soft key.
delete the items in the message box	**Delete** soft key.

If you want to delete all of the media items, select **All Object**.

Memory Status *(Menu 1.7)*

This menu shows how many messages are currently stored in the SIM, phone and CB (Cell Broadcast) memories.

You can delete all of the messages in each message box using the **Delete all** option (**Menu 1.7.4**).

To	Press the
select a message box to delete	**Mark** soft key.
cancel the selection	**Unmark** soft key.
delete the items in the message box	**Delete** soft key.

If you want to delete all of the messages, select **All Messages**.

Voice Mail *(Menu 1.8)*

This menu provides you with a way of accessing your voice mailbox, if provided by your network.

The following options are available:

Connect to Voice Server: before using this feature, you must enter the voice server number obtained from your service provider (see menu option **1.8.2**). You can then select this option and simply press the **OK** soft key to listen to your messages.

To quickly connect to the voice server, press and hold the 1 key in Idle Mode.

Voice Server Number: allows you to change the voice mail server number, if necessary.

To	Press the
enter the server number	corresponding numeric keys.
correct a digit	C key.
move the cursor to the left/right without clearing the digit	(or) key.

Note: Voice Mail is a network feature. Please contact your service provider for more information.

Broadcast *(Menu 1.9)*

This network service allows you to receive text messages on various topics, such as the weather or traffic. Messages display immediately as they are received, provided that:

- the phone is in Idle Mode
- the **Receive** option is set to **Enable**
- the message channel is currently active on the channel list

The following options are available:

Read: lets you view the message. **Volatile** displays the messages from the network, but loses its contents as soon as the phone is switched off. Scroll through the message using the ⌒ and ⌣ keys. While reading a message, press the **Save** soft key to store the message in the **Archive** box for later retrieval.

Receive: allows you to enable or disable the reception of broadcast messages.

Channel List: allows you to indicate the channels from which you wish to receive broadcast messages. The following options are available:

Select: used to enable or disable channels in the list by marking or unmarking them respectively. A check mark displays in front of each selected channel.

Add Channel: used to enter the ID and title for a new channel.

Delete: used to remove a channel from the list.

Edit: used to change the ID and title of an existing channel.

Language: allows you to select your preferred language to be used when displaying cell broadcast messages.

Please contact your service provider for more information.

Call Records

In this menu, you can view the:

- missed, incoming or outgoing calls
- length of time of the call you made or received
- cost of your calls

Note: You can access all of the numbers in the three types of call records by pressing the key in Idle Mode.

Missed Calls *(Menu 2.1)*

This option lets you view the last 20 unanswered calls.

The number and name, if available, display, together with the date and time when the call was received. By pressing the **Options** soft key, you can:

- delete the call from the list
- edit the number, if available, and save it in Phonebook

Incoming Calls *(Menu 2.2)*

This option lets you view the last 20 phone calls answered.

The number and name, if available, display, together with the date and time when the call was received. By pressing the **Options** soft key, you can:

- delete the call from the list
- edit the number, if available, and save it in Phonebook

Outgoing Calls *(Menu 2.3)*

This option lets you view the last 20 numbers dialed.

The number and name display, together with the date and time when the call was made. By pressing the **Options** soft key, you can:

- delete the number
- edit the number and save it in Phonebook

Delete All *(Menu 2.4)*

You can delete all of the numbers stored in each call record.

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

Call Time *(Menu 2.5)*

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

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

The following timers are available:

Last Call Time: the length of the last call.

Total Outgoing: the total length of all calls made since the timer was last reset.

Total Incoming: the total length of all calls received since the timer was last reset.

Reset Timers: the option used to reset the call timers; you must first enter the phone password (see page 120) and then press the **OK** soft key.

Call Cost *(Menu 2.6)*

This feature lets you view the cost of call. Depending on your SIM card, this option may not be shown.

The following timers are available:

Last Call Cost: the cost of the last call made.

Total Cost: the total cost of all calls made since the cost counter was last reset. If the total cost exceeds the maximum cost set in the **Set Max Cost** option, you can no longer make any calls until you reset the counter.

Max Cost: the maximum cost set in the **Set Max Cost** option (see below).

Reset Counters: the option used to reset the cost counter; you must first enter your PIN2 (see page 122) and then press the **OK** soft key.

Set Max Cost: the option used to enter the maximum cost that you authorise for your calls.

Price/Unit: the option used to set the cost of one unit; this price per unit is applied when calculating the cost of your calls.

Sound Settings

You can use the Sound Settings feature to customize various settings, such as the:

- ring melody, volume and type
- sounds made when you press a key, receive a message, open or close the folder, or switch your phone on or off

Ring Tone *(Menu 3.1)*

This option allows you to select the required ring melody.

You can choose between many different melodies. Each time you select a melody, it plays for a few seconds. If you have downloaded any sounds from the Internet or EasyGPRS program or received any ring tone messages, you can view them in this menu.

Ring Volume *(Menu 3.2)*

This option allows you to adjust the ring volume to one of five levels.

Use the ⌒ and ⌣ keys or the ▲ and ▼ keys on the left side of the phone.

Alert Type *(Menu 3.3)*

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

The following options are available:

Light only: only the backlight is switched on; the phone neither rings nor vibrates.

Melody: the phone rings using the ring melody selected via the **Ring Tone** menu option (**Menu 3.1**); see page 75.

Vibration: the phone vibrates but does not ring.

Vibra+Melody: the phone first vibrates three times and then starts ringing.

Keypad Tone *(Menu 3.4)*

This option allows you to select the tone that the keypad generates when you press a key.

You can select an option from **OFF**, **Cool**, **Piano**, **Tone** and **Beep**.

To turn off the sound, select **OFF**.

Message Tone *(Menu 3.5)*

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

SMS Tone

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

The following options are available:

OFF: the phone does not use the SMS tone.

Light Only: the service light on the folder flashes.

Vibration: the phone vibrates.

Single Beep: the phone beeps once.

SMS Tone x: the phone uses an SMS tone. You are provided with several SMS tones.

SMS-CB Tone

This option allows you to select how the phone informs you that a new cell broadcast (CB) message has been received.

The following options are available:

OFF: the phone does not use the CB tone.

Light Only: the service light on the folder flashes.

Vibration: the phone vibrates.

Single Beep: the phone beeps once.

SMS-CB Tone x: the phone uses a CB tone. You are provided with several CB tones.

Folder Tone *(Menu 3.6)*

This option allows you to turn on or off the tone that the phone sounds when you open the folder.

You can choose from **Off**, **Future** and **Crystal**. To turn off the sound, select **Off**.

Power On/Off *(Menu 3.7)*

This option allows you to turn on or off the melody that the phone sounds when it is switched on and off.

You can choose from **Off**, **Classical** and **Cheerful**. To turn off the sound, select **Off**.

Extra Tones *(Menu 3.8)*

You can customise various other tones used by the phone.

To turn a given tone	Press the
on	**ON** soft key. A check mark displays in front of the option.
off	**OFF** soft key. The check mark no longer displays.

The following options are available:

Error Tone: sets whether or not the phone informs you that you have made a mistake.

Minute Minder: sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.

Connect Tone: sets your phone to beep when the person you are calling answers the phone.

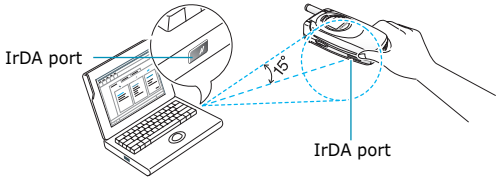
Phone Settings

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

Infrared Activate *(Menu 4.1)*

This feature allows you to send or receive data through the infrared port. To use an infrared connection, you must:

- configure and activate an IrDA-compliant infrared port on your PC
- activate the infrared feature on the phone; the IrDA icon ( ) appears on the top line of the display
- align the IrDA port on the phone with the IrDA port on your computer



The connection is ready for data transmission.

If there is no communication between your phone and the IrDA-compliant device within 30 seconds of activating the feature, it is automatically deactivated.

Note: For the best performance, use an optional data link cable. You can buy one from your local Samsung dealer.

My Settings *(Menu 4.2)*

You can change the background image and the display style for Menu Mode according to your preference.

Wallpaper

This option allows you to change the background image (wallpaper) to be displayed in Idle Mode.

To change the background image:

1. Scroll through the list by pressing the ⌒ or ⌣ key.
2. Press the **Select** soft key when the image highlights.

   The selected image displays.
3. After viewing the image, press the **Select** soft key to display it on the idle screen.

   The display asks you if you want to display text on the screen.
4. Press the **Yes** soft key to display the current date and time on the wallpaper image.

   To display only the image, press the **No** soft key.

Menu Style

This option allows you to select the menu display style. You can choose either **Folder Style** or **Page Style**.

Greeting Message *(Menu 4.3)*

This option allows you to set a greeting message to be displayed briefly when the phone is switched on. When you select this menu, the current message displays.

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

For further details about how to enter characters, refer to page 41.

Own Number *(Menu 4.4)*

This feature allows you to:

- assign a name to your own phone number registered on your SIM card
- edit the name and number

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

Any changes made here do not in any way affect the actual subscriber number on your SIM card.

Language *(Menu 4.5)*

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

Security *(Menu 4.6)*

The Security feature enables you to restrict the use of your phone to:

- the people of your choice
- the types of calls of your choice

Various codes and passwords are used to protect the features of your phone. They are described in the following sections (see also pages 120-122).

PIN Check *(Menu 4.6.1)*

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

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

To change your PIN, refer to the **Change PIN** menu option (**Menu 4.6.2**).

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 *(Menu 4.6.2)*

This feature allows you to change your current PIN to a new one, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one.

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

Phone Lock *(Menu 4.6.3)*

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

The password is preset to "00000000." To change the phone password, refer to the **Change Password** menu option (**Menu 4.6.4**) below.

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

The following options are available:

Disable: you are not asked to enter the phone password when you switch the phone on.

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

Change Password *(Menu 4.6.4)*

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

The password is preset to "00000000" at the factory. Once you have entered a new password, you are asked to confirm it by entering it again.

SIM Lock *(Menu 4.6.5)*

When the SIM Lock feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code.

Once you have entered the lock code, you are asked to confirm it by entering it again.

To unlock the SIM, you must enter the SIM lock code.

FDN Mode *(Menu 4.6.6)*

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

The following options are available:

Disable: you can phone any number.

Enable: you can only call phone numbers stored in Phonebook. You must enter your PIN2.

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

To change your PIN2, refer to the **Change PIN2** menu option (**Menu 4.6.7**) below.

Change PIN2*(Menu 4.6.7)*

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 option does not display.

Display Settings *(Menu 4.7)*

Contrast *(Menu 4.7.1)*

This option allows you to adjust the contrast of the display screens to make them lighter or darker.

To adjust the display contrast:

1. Select the required display, **Main LCD** or **Front LCD**, and press the **Select** soft key.
2. Adjust the contrast using the ⌒ and ⌣ keys or the ▲ and ▼ keys on the left side of the phone.
3. When you are satisfied, press the **OK** soft key to save the selection.

Back Light *(Menu 4.7.2)*

You can select whether or not the phone uses the backlight. A marginal increase in standby/talk time can be achieved by turning the backlight off.

Select the length of time for which the backlight is on. The backlight comes on when you press a key or receive a call or message and lights up for the specified length of time. Then it dims and finally switches off after one minute.

If you do not want to use the backlight, select **OFF**.

Auto Light *(Menu 4.7.3)*

Using this feature, you can specify the time for which the backlight is to be used. This feature helps conserve your battery power.

The following options are available:

Disable: the backlight is used according to the setting in the **Back Light** menu option (**Menu 4.7.2**); see page 86.

Enable: the backlight is used only during the specified period of time. Set the time when the phone turns on the light and turn it off, using the appropriate number keys.

Service Light *(Menu 4.7.4)*

This option allows you to select whether or not the service light on the folder cover is used or in which color it flashes.

Select one from the seven color settings available. When the phone is ready for use, the service light flashes in the appropriate color.

If you do not want to use the service light, select **Off**.

Graphic Logo *(Menu 4.7.5)*

This option allows you to display your operator's logo instead of its name.

On: the operator logo stored in your phone displays in Idle Mode; if no logo has been stored, the operator name displays.

Off: the operator name displays in Idle Mode.

Extra Settings *(Menu 4.8)*

You can turn the automatic redialing or answering features on or off.

To turn a feature	Press the
on	**ON** soft key. A check mark displays in front of the option.
off	**OFF** soft key. The check mark no longer displays.

The following options are available:

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

Note: The interval between two call attempts varies.

Active Folder: when this option is checked, you can simply open the folder to answer a call.

When it is unchecked, you must open the folder and press a key, depending on the setting of the **Anykey Answer** option (see below).

Anykey Answer: when this option is checked, you can answer an incoming call by pressing any key, except the /⏻ key, the C key and the **Reject** soft key. To reject the call, press the /⏻ key or the **Reject** soft key.

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

Short Cut *(Menu 4.9)*

The navigation keys can be used as shortcut keys. In Idle Mode, they allow you to access specific menu options directly.

To assign a shortcut to a key:

1. Select the key to be used as a shortcut key by pressing the or key, followed by the **Select** soft key.
   - **Key up** ( )
   - **Key down** ( )
   - **Key right** ( )
   - **Key left** ( )
2. Select the menu option to be assigned to the key by pressing the or key.

   Note: To deactivate a shortcut key, select the **None** option.
3. Press the **Select** soft key to save the selection.

Reset Settings *(Menu 4.10)*

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

1. Select the **Reset Settings** menu option.
2. Enter the 8-digit phone password and press the **OK** soft key.

Note: The password is preset to "00000000." To change this password, refer to page 84.

Organizer

The Organizer feature enables you to:

- view the calendar and organize your schedule
- define a list of things to do
- set the current date and time
- set the alarm so that the phone rings at a specific time, to remind you of an appointment for example
- use the phone as a calculator for basic mathematical equations or currency exchange operations

Calendar *(Menu 5.1)*

With the Calendar feature, you can:

- consult the calendar
- write memos to keep track of your schedule and trigger an alarm, if necessary

Consulting the Calendar

When you select the **Calendar** menu option (**Menu 5.1**), the calendar displays. The following options are available when you press the **Options** soft key:

Search all: displays all memos set, regardless of the day and starting with the oldest. To scroll through the memos, press the ⌒ or ⌣ key.

Delete all: allows you to delete all memos. You are asked to confirm your action.

Go to date: allows you to jump to a specific date.

Exit: exits the Calendar feature and returns to Idle Mode.

Writing a Memo

To write or edit a memo on a specific date:

1. Select the required date on the calendar, using the navigation keys.

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

2. Press the **Select** soft key.

   An empty memo screen displays to allow you to enter your memo.

3. Enter your memo and then press the **OK** soft key.

   Note: For further details about how to enter characters, refer to page 41.

   You are asked if you wish to set an alarm.

4. If you want the alarm to ring on the chosen day, press the **Yes** soft key.
   Otherwise, press the **No** soft key.

5. If you pressed the **Yes** soft key, set the time for the alarm and press the **OK** soft key.

   The color of the date is changed to green to indicate that a memo exists.

Editing a Memo

If you select a day for which a memo already exists, you can press the **Edit** soft key to edit the memo displayed.

Note: For further details about how to enter characters, refer to page 41.

Once you have finished editing the memo, press the **OK** soft key. The following options are then available when you press the **Options** soft key.

Alarm: allows you to set the alarm to ring on the chosen day.

Erase: allows you to delete the memo.

Copy to: allows you to copy the memo to another date and/or time.

Move to: allows you to change the date and/or time of the memo.

To Do List *(Menu 5.2)*

This feature allows you to:

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

Creating the To Do List

1. Press the **New** soft key.
2. Enter the first task.

   Note: You can enter up to 40 characters. For further details about how to enter characters, see page 41.

3. Press the **OK** soft key.
4. Select high, normal or low priority using the or key and press the **Select** soft key.
5. Enter your deadline.

   If you do not want to set a deadline, press the **Skip** soft key.

6. Press the **OK** soft key.

Editing the To Do List

If tasks are already defined in the To Do List when you select the **To Do List** menu option (**Menu 5.2**), the current contents display with a status mark and priority (for High, Normal and for Low).

The following options are available:

To	Then
view the details for a specific task	• highlight the task. • press the **View** soft key.
change the status of a specific task	• highlight the task. • press the key to mark the task as completed as of the current date and time. or • highlight the task. • press the **Options** soft key. • select the **Mark** option. • select the appropriate status (**Done** or **Undo**).
create a new task	• press the **Options** soft key. • select the **New** option. • enter text, priority and deadline for the task.

To	Then
edit an existing task	• highlight the task. • press the **Options** soft key. • select the **Edit** option. • change the text, priority and deadline for the task.
sort the existing tasks by priority or status	• press the **Options** soft key. • select the **Sort** option. • select the sort criterion (**High**, **Low**, **Done** or **Undo**).
copy a task	• highlight the task. • press the **Options** soft key. • select the **Copy** option. • change the text, priority and deadline for the task as required.
copy a task to the calendar	• highlight the task. • press the **Options** soft key. • select the **Copy to calendar** option. • change the text and deadline for the task and set the alarm as required.
delete a task	• highlight the task. • press the **Options** soft key. • select the **Delete** option.
delete all tasks	• press the **Options** soft key. • select the **Delete all** option. • confirm the deletion by pressing **OK**.
exit the To Do list	• press the **Options** soft key. • select the **Exit** option.

Time & Date *(Menu 5.3)*

This option allows you to change the current time and date displayed. You can also check the current time for 22 major cities around the world.

The following options are available:

Set Time: allows you to enter the current time. You can choose the time format via the **Time Format** menu option (**Menu 5.3.4**).

Note: Before setting the time, you must specify your time zone in the **World Time** menu option (**Menu 5.3.3**).

Set Date: allows you to enter the day, month and year.

World Time: allows you to check the current time for 22 major cities around the world, using the (and) keys.

The screen shows the:

- city name
- current date and time
- time difference between the selected city and your city if you have set the local time (see below for further details)

To select your time zone:

1. Select the city corresponding to your time zone by pressing the (or) key one or more times. The local date and time display.
2. Press the **Set** soft key.

Time Format: allows you to change the time format to **24 Hours** or **12 Hours**.

Alarm *(Menu 5.4)*

This feature allows you to:

- set the alarm to ring at a specific time
- set the phone to switch on automatically and ring the alarm even if the phone is switched off (**Autopower** menu option set to **Enable**)

The following options are available:

Once Alarm: the alarm rings only once and is then deactivated.

Daily Alarm: the alarm rings every day at the same time.

Morning Call: the alarm rings to wake you up in the morning.

To set the alarm:

1. Choose the type of alarm to be set.
2. Enter the required time, if applicable.

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

   - **Remove Alarm**:cancle the alarm setting.
   - **Alarm Sound Set**: allows you to select an alarm melody.
3. Press the **OK** soft key.
4. If you select **Morning Call** in Step 1, select the repeat option; **Monday to friday** or **Monday to Saturday**.

To stop the alarm when it rings, open the folder and press the **Exit** soft key.

Remove Alarm: deactivates all alarm settings.

Autopower: when this option is set to **Enable**, the alarm rings at the specified time, even when the phone is switched off.

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

Calculator *(Menu 5.5)*

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

Using the Calculator

1. Enter the first number using the numeric keys.
2. Press the right soft key until the required arithmetic symbol appears: **+** (add), **-** (subtract), ***** (multiply), **/** (divide).
3. Enter the second number.
4. Repeat Steps 1 to 3 as many times as required.

Notes:
- To erase any mistakes or clear the display, press the C key.
- To include a decimal point or a bracket, press the left soft key until the required symbol displays.

5. To calculate the result, press the key.

Currency Exchange *(Menu 5.6)*

Using this menu option, you can make currency conversions.

1. Enter the current exchange rate of your source currency and press the **OK** soft key.

   You can insert a decimal point by pressing the key.

2. Enter the amount for which you wish to conduct the currency conversion and press the **OK** soft key.

   The exchange rate amount you entered and equivalent value display.

3. Press the **Exit** soft key to exit the currency convertor.

Network Services

These menu functions are network services. Please contact your service provider to check their availability and subscribe to them, if you wish.

Call Forwarding *(Menu 6.1)*

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

Example: You may wish to divert your business calls to a colleague while you are on holiday.

Call diverting can be set up in the following ways:

Forward Always: all calls are forwarded.

Busy: calls are forwarded if you are already on another call.

No Reply: calls are forwarded if you do not answer the phone.

Unreachable: calls are forwarded if you are not in an area covered by your service provider.

Cancel All: all call forwarding options are cancelled.

You can specify individual forwarding options for each of the following call types:

- Voice calls only
- Data calls only

Example: You can forward voice calls to your colleague if you are already using the phone.

To set your call forwarding options:

1. Select the type of call diverting required by pressing the ⌒ or ⌣ key and then press the **Select** soft key.

2. Select the type of calls to be diverted by pressing the ⌒ or ⌣ key and then press the **Select** soft key.

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

3.

To	Press the
activate call forwarding	**Activate** soft key. Go to Step 4.
change the call number	**Change** soft key. Go to Step 4.
deactivate call forwarding	**Remove** soft key.

4. Enter the number to which the calls are to be forwarded and press the **OK** soft key.
   To enter an international code, press the 0+ key until the **+** sign displays.

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

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

Call Barring *(Menu 6.2)*

The call barring network service allows you to restrict your calls.

Call barring can be set up in the following ways:

All Outgoing: calls cannot be made.

International: international calls cannot be made.

International Except to Home: when abroad, calls can be made only to numbers within the current country and to your home country, which is the country where your home network provider is located.

All Incoming: calls cannot be received.

Incoming While Abroad: calls cannot be received when you are using your phone outside of your home service area.

Cancel All: all call barring settings are deactivated; calls can be made and received normally.

You can specify individual barring options for each of the following call types:

- Voice calls only
- Data calls only

To set your call barring options:

1. Select the type of call barring required by pressing the ⌒ or ⌣ key and then press the **Select** soft key.

2. Select the type of calls to be barred by pressing the ⌒ or ⌣ key and then press the **Select** soft key.

3. Press the **Activate** soft key to confirm your settings.
4. Enter your call barring password supplied by your service provider.

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

To deactivate specific call barring settings:

1. Select the call barring option to be deactivated.
2. Select the type of call to which this option applies.
3. Press the **Deactivate** soft key.
4. Enter your call barring password supplied by your service provider.

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

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

Change Barring Password: you can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one.

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

Call Waiting *(Menu 6.3)*

This network service enables you to be informed when someone is trying to reach you during another call.

You can specify individual call waiting options for each of the following call types:

- Voice calls only
- Data calls only

To set your call waiting options:

1. Select the type of calls to which the call waiting option is to be applied by pressing the ⌒ or ⌣ key and then press the **Select** soft key.

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

2. You can activate or deactivate the call waiting feature as necessary by using the **Activate** or **Deactivate** soft key respectively.

   To return to the previous screen, press the **Exit** soft key.

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

Network Selection *(Menu 6.4)*

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 it has a valid roaming agreement with your home network.

To indicate automatically or manually select the network when roaming:

1. When **Network Selection** displays, press the **Select** soft key.
2. Press the ⌒ or ⌣ key until the appropriate option highlights and then press the **OK** soft key.

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

   If you select **Manual**, the phone scans for the available networks. Go to Step 3.
3. Press the ⌒ or ⌣ key until the preferred network highlights and then press the **OK** soft key.

   You are connected to that network.

Caller ID *(Menu 6.5)*

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

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

The following options are available:

Default: the default setting provided by the network is used.

Hide Number: your number does not display on the other person's phone.

Send Number: your number is sent each time you make a call.

Closed User Group (CUG) *(Menu 6.6)*

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

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

Activating a Closed User Group

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

Index List: lets you list, add or delete CUG index numbers. The list of current CUG indexes appears. Add a new CUG index as advised by your service provider or delete a selected group.

To	Press the
scroll the through the existing CUG indexes	or key.
add a new CUG index	**Options** soft key, select the **Add** option and enter the index.
delete a CUG index	**Options** soft key and select the **Delete** option.
activate a CUG index	**Options** soft key and select the **Activate** option.

Outside Access: lets you enable or disable calls to numbers other than those nominated for the Closed User Group. This feature depends on the nature of your CUG subscription. Please check with your service provider.

Default Group: you may set a default CUG with your service provider. If you have done so, you can enable the **Default Group** option on your phone. When making a call, you are given the option of using your default CUG, instead of selecting one from the list.

Funbox

The **Funbox** menu contains several fun options.

Games *(Menu 7.1)*

You can enjoy two games with your phone.

Scroll to the required game, using the and keys and press the **Select** soft key.

For each game, the following options are available:

New Game: allows you to start a game.

High Score: shows you the High Score table.

Key Info: shows you which keys do what within the game.

Continue: allows you to continue a previously saved game. The menu is only available when a game has already been saved.

While you are playing a game:

To	Press the
adjust the game volume	volume keys.
pause/resume the game	keys.
exit the game	key.

At the end of the game, if your score is ranked fifth or higher, you may enter a name of up to 10 characters.

WAP Browser *(Menu 7.2)*

Your phone is equipped with a WAP Browser to allow you to access and navigate the Wireless Web.

Home *(Menu 7.2.1)*

Selecting this option onnects the phone to the network and loads the homepage of the Wireless Web service provider.

A connection is established with your service provider and the corresponding homepage displays.

The content of the WAP Browser startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the ⌒ and ⌣ keys.

Note: To access the startup homepage from any other screen in the WAP Browser, use the **Home** option. For more information on the WAP Browser menus, see page 110.

Exiting the WAP Browser

To exit the browser at any time, simply press the ☎/⏻ key or press and hold down the *i* key.

Navigating the WAP Browser

To	Then
scroll through and select browser items	press the ⌒ or ⌣ key until the ▶ symbol points to the required item, and then press the **OK** soft key to confirm the selection.
select a numbered item	press the corresponding numeric key.
return to the previous page	press the **Back** soft key or the C key.
return to the startup homepage	select the **Home** menu option; for more information on this option, refer to page 110.

Entering Text in the WAP Browser

When you are prompted to enter text, the current text entry mode is indicated on the screen. The following modes are available.

Mode	Description
A / a	Allows you to enter letters in the alphabet. Press the corresponding key until the required letter displays.
1	Allows you to enter numbers.

Note: To enter symbols, press the 1 key until the required symbol displays.

To	Then
change modes	press the *i* key one or more times.
enter a space	press the key.
edit text	• set the cursor to the right of the character(s) to be corrected. • press the key as required. • enter the correct character(s).

Using and Selecting Menu Options

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

To access a menu option:

1. Press and hold down the key.
   A menu displays.
2. Highlight the required menu option by using the and keys.
3. Select the option by pressing the **Select** soft key.
4. If necessary, select the secondary option using the and keys, and press the **Select** soft key to confirm.

Note: The menus may vary, depending on your version of the WAP Browser.

The following options are available:

Reload: reloads the current page.

Home: takes you back at any time to the homepage of the Wireless Web service provider.

Go to URL: allows you to manually enter the URL address of the required Web page. After entering an address, press the **OK** soft key to go there directly.

Show URL: displays the URL address of the site to which you are currently connected. It also enables you to declare the current site as the startup homepage.

To	Press the
declare the current page as your startup homepage	**Option** soft key, select the **Save to Home** option and press **Select**.
set a bookmark for the current page	**Option** soft key, select the **Save to Bookmark** option and press **Select**.
cancel your setting	**Back** soft key.

Edit Home: allows you to change the startup homepage manually. Enter the required URL and press the **OK** soft key. For more information on entering text, numbers or symbols, see page 109.

Favorite *(Menu 7.2.2)*

This menu option allows you to store the URL addresses of your favourite Web sites. You can access this menu directly by pressing and holding down the key while using the WAP Browser.

To store a URL address:

1. Select an empty location and press the **Options** soft key.

2. Enter the address and press the **Enter** soft key.
3. Enter a title for the favourite item and press the Enter soft key.

After saving favorite items, you can use the following items by press the **Options** soft key.

Goto URL: quickly accesses you to the the site.

Edit: allows you to edit the selected address.

Erase: deletes the selected address.

http:// *(Menu 7.2.3)*

This menu option allows you to manually enter a URL address of the Web site that you wish to access.

Settings *(Menu 7.2.4)*

You can set up five proxy servers for the WAP Browser. Contact your service provider for details.

For each server, the following options are available:

Profile Name: Enter a name that you wish to assign to the HTTP proxy server.

Homepage URL: Enter the address of your startup homepage. When the default homepage displays, you can delete it using the C key and enter your own choice.

Security: Set the data transmission mode. Choose **Secure** to protect your data against unauthorised access; otherwise, choose **Non-Secure**.

IP Address: Enter the WAP gateway address required to connect to the Internet.

Bearer: Select the bearer to be used for each type of network address accessed: **GPRS** or **Data**. The remaining options depend on the **Bearer** setting.

When the bearer is set to **Data**

Login Name: Enter the PPP server login ID.

Password: Enter the PPP server password.

Dial-up Number: Enter the PPP server's dial-up number.

Data Call Type: Select a data call type from **Analogue** and **ISDN**.

When the bearer is set to **GPRS**

User Name: Enter the User ID required to connect to the GPRS network.

Password: Enter the password required to connect to the GPRS network.

APN: Enter the access point name used for the address of the GPRS network gateway.

Note: The WAP Browser settings may vary, depending on the service provider. Contact your service provider for further information.

Clear Cache *(Menu 7.2.5)*

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

Push Message *(Menu 7.2.6)*

This menu option allows you to set whether or not you will receive Web messages from the server, and read or delete the messages received.

Downloads *(Menu 7.3)*

You can download MIDlets (Java applications running on mobile phones) from various sources using the WAP Browser and store them in your phone. You can then view the list of MIDlets stored on the Games & More screen.

Note: Java services may be unavailable depending upon your service provider.

Games & More *(Menu 7.3.1)*

This menu option allows you to launch a MIDlet and access various menu options.

For more details about how to download MIDlets via the WAP Browser, see page 110.

Launching a MIDlet

To launch a MIDlet:

1. From the Downloads screen, select the **Games & More** option.
2. Scroll to the MIDlet and press the **Launch** soft key.

Using the Menus

From the Main Screen, press the **Menu** soft key to access the following options:

Info: displays information about the selected MIDlet, such as the file size, application version, vendor, and the location of the jad file, which is the MIDlet description file.

Remove: removes the selected MIDlet. When the confirmation message appears, press the **Remove** soft key. To cancel your selection, press the **Cancel** soft key.

Update: accesses the server and updates the selected MIDlet.

They are shown only when a MIDlet has been downloaded.

Entering Text

When entering URL addresses, the following input modes are available:

ABC: allows you to enter upper-case English characters.

abc: allows you to enter lower-case English characters.

123: allows you to enter numbers.

Sym: allows you to enter symbols. After highlighting the required symbol by pressing the navigation keys, press the *i* key to insert it.

: allows you to enter English characters using the T9 mode. For details about this mode, see page 43.

To change the text input mode, press the *i* key until the appropriate indicator appears on the soft key area of the display.

Sounds *(Menu 7.3.2)*

In this menu, you can view the list of sounds downloaded from the server. You can set the downloaded sounds as the current ring tone, but cannot send the sounds to other phones.

When the memory is full, a warning message displays and the phone rejects additional sounds until you erase obsolete ones.

Pictures *(Menu 7.3.3)*

In this menu, you can view the list of pictures downloaded from the server. You can set the downloaded pictures as the current background image, but cannot send them to other phones.

When the memory is full, a warning message is displayed and the phone rejects additional pictures until you erase obsolete ones.

DNS Setting *(Menu 7.3.4)*

The DNS (Domain Name Server) address of the Java server is preset at the factory, but sometimes you may need to change it. In this menu, you can determine whether or not the address is automatically updated.

Automatic: the server automatically transmits the address to the phone when it is changed.

Manual: you can manually change the address.

Solving Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

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

Insert SIM Card

- Check that the SIM card is correctly installed.

Phone Locked Enter Password

- The automatic locking function has been enabled. You must enter the phone's password before you can use the phone.

Enter PIN

- You are using your phone for the first time. You must enter the Personal Identification Number supplied with the SIM card.
- The PIN Check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN Check** menu option (**Menu 4.6.1**).

Enter PUK

- The PIN code was entered incorrectly three times in succession and the phone is now blocked. Enter the PUK supplied by your network operator.

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

- The network connection was lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Move and try again.
- You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialed

- Have you pressed the key?
- Are you accessing the right cellular network?
- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on (the key pressed for more than one second)?
- Are you accessing the right cellular network?
- You may have set an incoming call barring option.

Your correspondent cannot hear you speaking

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

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

- The battery is insufficiently charged. Replace the battery and recharge it.

The audio quality of the call is poor

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

No number is dialed when you recall a Phonebook entry

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

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

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

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

Access Codes

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

When requested for any of the codes explained below, enter the appropriate code (displayed as asterisks) and press the **OK** soft key. If you make a mistake, press the C key until the incorrect digit is cleared and then continue entering the correct code.

The access codes, except for the PUK and PUK2 codes can be changed using **Security** menu options (**Menu 4.6**). See page 83 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 911, so that you do not dial an emergency number accidentally.

Phone Password

The Phone Lock feature uses the phone password to protect your phone against unauthorised use. The phone password is supplied with the phone and is preset to "00000000" at the factory.

To	Refer to
activate/deactivate the Phone Lock feature	page 84 (**Menu 4.6.3**).
change the phone password	page 84 (**Menu 4.6.4**).

PIN

The **P**ersonal **I**dentification **N**umber or PIN (4 to 8 digits) protects your SIM card against unauthorised use. It is usually supplied with the SIM card.

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

To	Refer to
activate/deactivate the PIN Check feature	page 83 (**Menu 4.6.1**).
change the PIN	page 84 (**Menu 4.6.2**).

PUK

The 8-digit PUK (**P**IN **U**nblocking **K**ey) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

To re-enable your PIN:

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

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

PIN2

The PIN2 (4 to 8 digits), supplied with some SIM cards, is required to access specific functions, such as setting the maximum cost of a call. These functions are available if supported by your SIM card.

If you enter an incorrect PIN2 three times in succession, the code is disabled and you cannot access the functions until you re-enable it by entering the PUK2.

To change the PIN2, refer to page 85 (**Menu 4.6.7**).

PUK2

The 8-digit PUK2 (**P**IN **U**nblocking **K**ey **2**), supplied with some SIM cards, is required to change a disabled PIN2. If you lose the code, contact your service provider.

To re-enable your PIN2:

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

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

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

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

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

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

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

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

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 limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

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

FCC certification information for this model phone is attached separation paper.

For Body Operation

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with and accessory that contains no metal and that positions the handset a minimum from the body.
The minimum distance for this model phone is written in the FCC certification information from the body. None compliance with the above conditions may violate FCC RF exposure guidelines.

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

Federal Communications Commission (FCC)
http://www.fcc.gov/rfsafety

Cellular Telecommunications Industry Association (CTIA): http://www.wow-com.com

U.S.Food and Drug Administration (FDA)
http://www.fda.gov/cdrh/consumer

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

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge 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. Always recycle. Do not dispose of batteries in a fire.

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 extra layer of convenience and safety to your wireless phone with one of the many hands-free accessories available today.

3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a To Do list or flipping through your phonebook takes your 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 the people with whom you are talking aware that 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 the 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 a car accident, crime in progress or other serious emergency where lives are in danger, call the 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 any other special non-emergency wireless number.

Operating Environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

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

Electronic Devices

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

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

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

If you have any reason to suspect that interference is taking place, switch off your phone 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 off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.
You should also consult the manufacturer of any equipment that has been added to your vehicle.
You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

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

Potentially Explosive Atmospheres

Switch off your phone 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 off the phone 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, 999 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.

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 off your phone before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions 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 touch the phone with a wet hand while it is charging. 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. Unauthorised 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.

Acknowledging Special Precautions and the FCC and Industry Canada Notice

Cautions

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

FCC Compliance Information

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received.

Including interference that may cause undesired operation.

Information to User

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

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

Appendix A: CERTIFICATION INFORMATION (SAR)

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

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

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate(SAR). The SAR limit set by the FCC is 1.6 W/kg. SAR Tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the

FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations(e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR values for this model phone as reported to the FCC are Head: ?.??W/Kg, Body-worn: ?.??W/Kg. Body-worn operations are restricted to Samsung-supplied, approved or none Samsung designated accessories that have no metal and must provide at least ?.?cm separation between the device, including its antenna whether extended or retracted, and the user's body. None compliance to the above restrictions may violate FCC RF exposure guidelines .

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of

http://www.fcc.gov/oet/fccid after searching on FCC ID A3L*******.

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

Appendix B: Guide to Safe and Responsible Wireless Phone Use

Cellular Telecommunications & Internet Association

"Safety is the most important call you will ever make."

A Guide to Safe and Responsible Wireless Phone Use

TENS OF MILLIONS OF PEOPLE IN THE U.S. TODAY TAKE ADVANTAGE OF THE UNIQUE COMBINATION OF CONVENIENCE, SAFETY AND VALUE DELIVERED BY THE WIRELESS TELEPHONE. QUITE SIMPLY, THE WIRELESS PHONE GIVES PEOPLE THE POWERFUL ABILITY TO COMMUNICATE BY VOICE-ALMOST ANYWHERE, ANYTIME-WITH THE BOSS, WITH A CLIENT, WITH THE KIDS, WITH EMERGENCY PERSONNEL OR EVEN WITH THE POLICE. EACH YEAR, AMERICANS MAKE BILLIONS OF CALLS FROM THEIR WIRELESS PHONES, AND THE NUMBERS ARE RAPIDLY GROWING.

But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable tool, but good judgment must be exercised at all times while driving a motor vehicle-whether on the phone or not.
The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common sense-keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and signals and staying within the speed limit.
It means using seat belts and requiring other passengers to do the same.

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

Wireless Phone "Safety Tips"

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

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

2. When available, use a hands free device. A number of hands free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to do" list while driving a car, you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip-dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix-they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations-with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless non-emergency assistance number when neceµssary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

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

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

Cellular Telecommunications & Internet Association
For more information, please call 1-888-901-SAFE.
For updates: http://www.wow-com.com/consumer/issues/driving/articles.cfm?ID=85

Appendix C: Consumer Update on Wireless Phones

U.S. Food and Drug Administration

1. What kinds of phones are the subject of this update?

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

2. Do wireless phones pose a health hazard?

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

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

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

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

Support needed research into possible biological effects of RF of the type emitted by wireless phones;

Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

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

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

National Institute for Occupational Safety and Health
Environmental Protection Agency
Federal Communications Commission
Occupational Safety and Health Administration

National Telecommunications and Information Administration

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

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

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

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

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

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

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

users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

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

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

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

6. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the

measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

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

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

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

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

9. What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

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

10. What are the results of the research done already?

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

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

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

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

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

FCC RF Safety Program:
http://www.fcc.gov/oet/rfsafety/

Environmental Protection Agency (EPA):
http://www.epa.gov/radiation/

Occupational Safety and Health Administration's (OSHA):
http://www.osha-slc.gov/SLTC/radiofrequencyradiation/index.html

National Institute for Occupational Safety and Health (NIOSH):
http://www.cdc.gov/niosh/emfpg.html

World health Organization (WHO):
http://www.who.int/peh-emf/

International Commission on Non-Ionizing Radiation Protection:
http://www.icnirp.de

National Radiation Protection Board (UK):
http://www.nrpb.org.uk

Updated 4/3/2002: US Food and Drug Administration
http://www.fda.gov/cellphones

Glossary

To help you understand the main technical terms and abbreviations used in this booklet and take full advantage of the features on your mobile phone, here are a few definitions.

Active Folder

Ability to answer a call simply by opening the phone.

Call Forwarding

Ability to reroute calls to another number.

Call Holding

Ability to put one call on standby while answering or making another call; you can then switch between the two calls, as required.

Call Waiting

Ability to inform users that they have an incoming call when engaged on another call.

GSM (Global System for Mobile Communication)

International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Java

Programming language generating applications that can run on all hardware platforms, whether small, medium or large, without modification. It has been promoted for and geared heavily to the Web, both for public Web sites and Intranets. When a Java program runs from a Web page, it is called a *Java applet*. When it is run on a mobile phone or pager, it is called a *MIDlet*.

Line Identification Services (Caller ID)

Services allowing subscribers to view or block the telephone numbers of callers.

Multiparty Calling

Ability to establish a conference call involving up to five additional parties.

Phone Password

Security code used to unlock the phone when you have selected the option to lock it automatically each time it switches on.

PIN (Personal Identification Number)

Security code that protects the phone/SIM against unauthorised use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

Security code used to unlock the phone when an incorrect PIN has been entered three times in succession. The eight-digit number is supplied by the service provider with the SIM card.

Roaming

Use of your phone when you are outside your home area (when traveling for example).

SDN (Service Dialing Numbers)

Telephone numbers supplied by your network provider and giving access to special services, such as voice mail, directory inquiries, customer support and emergency services.

SIM (Subscriber Identification Module)

Card containing a chip with all the information required to operate the phone (network and memory information, as well as the subscriber's personal data). The SIM card fits into a small slot on the back of the phone and is protected by the battery.

SMS (Short Message Service)

Network service sending and receiving messages to and from another subscriber without having to speak to the correspondent. The message created or received can be displayed, received, edited or sent.

Soft Keys

Two keys marked and on the phone, the purpose of which:

- varies according to the function that you are currently using
- is indicated on the bottom line of the display just above the corresponding key

Dual Band

Ability to operate with both DCS(1800 MHz) and GSM (900 MHz) networks. the phone automatically uses the network with the strongets signal and even switches networks

during a call within the same operator's network.

Voice Mail

Computerised answering service that automatically answers your calls when you are not available, plays a greeting (optionally in your own voice) and records a message.

Index

A

Access codes • 120
Accessories • 9
Active folder • 88
Alarm, set (5.4) • 96
Alert type (3.3) • 76
Anykey answer • 88
Auto light • 87
Auto power, alarm • 97
Auto redial • 88

B

Background image • 81
Backlight • 15, 86
Barring
    password • 102
Battery
    charging • 19
    installing • 18
    low battery indicator • 20
    removing • 18
Broadcast (1.9) • 70

C

Calculator (5.5) • 97
Calendar (5.1) • 90
Caller ID (6.5) 105
Calls
    answering
        a call • 25
        a second call • 50
    cost (2.6) • 74
    dialed (2.3) • 73
    emergency • 132
    ending • 23
    fowarding (6.1) • 99
    holding • 47
    making • 22
    missed • 26, 72
    multiparty • 51
    records (2) • 72
    redialing automatically • 88
    time (2.5) • 73
    via Phonebook • 36
    waiting (6.2) • 50
    waiting • 103
Card, SIM
    installing • 17
Care • 134
Changing
    barring password • 102
    password (4.6.4) • 84
    PIN (4.6.2) • 84
    PIN2 (4.6.7) • 85
Characters
    changing mode • 42
    entering • 41
Closed User Group (6.6) • 105
Conference call • 51
Connect tone • 79
Contrast (4.7.1) • 86
Copying
    memos • 92
    Phonebook number • 35
    task • 94
Cost of calls (2.6) • 74
CUG • 105
Currency Exchange (5.6) • 98

D

Date setting (5.3.2) • 95
Deleting
    memos • 92
    messages • 61, 62
    missed calls • 27, 72
    Phonebook number • 34
    tasks • 94
Display
    contrast • 86
    icons • 14
    layout • 13
    setting language • 83
Downloads (7.3) • 114

E

Earpiece volume • 24
Editing
memos • 91
missed calls • 26, 72
phonebook number • 34
tasks • 94
to do list • 93
Emergency calls • 132
Error tone • 79

F

FDN mode (6.6.5) • 85
Fixed Dial Number mode • 85
Folder Tone • 78
Funbox (7) • 107
Functions, select • 29

G

Game (7.1) • 107
Graphic Logo • 87
Greeting message (4.3) • 82

I

Icons, description • 14
Infrared activate (4.1) • 80
IrDA port • 80

K

Key tones
adjusting volume • 24
muting • 49
selecting (3.4) • 76
sending • 49
Keys
description • 11
location • 10
shortcut • 89

L

Language (4.5) • 83
Last number, redial • 23
Length of calls • 73, 79
Letters
changing mode • 42
entering • 41
Light
backlight • 15, 86
service • 16, 87
Low battery indicator • 20
Lower-case characters
entering • 44

M

Maintenance • 134
Memory status
message (1.7) • 68
Phonebook • 40
Memos
copying • 92
deleting • 92
editing • 91
writing • 91
Menus
accessing by scroll • 53
accessing by shortcuts • 53
list • 54
Message tone (3.5) • 77
Microphone, mute • 48
Minute minder • 79
Missed calls • 26, 72
Morning Call • 96
Multiparty calls
dropping • 52
making • 51
private conversation • 51

N

Names
entering • 41
searching/dialing • 36
storing • 31
Network selection (6.4) • 104
Network services (6) • 99
Numbers
copying Phonebook • 35
correcting • 22
erasing • 34
fixed dial • 85
own • 82
pasting Phonebook • 34
searching/dialing • 36
storing • 31

O

Options, select • 29
Organizer (5) • 90
Outgoing calls (2.3) • 73
Own number (4.4) • 82

P

Password
barring
changing • 102
description • 102
phone
changing • 84
description • 120
Phone
lock (4.6.3) • 84
password • 120
settings (6) • 80
switching on/off • 21
Phonebook
copying • 35
editing • 34
erasing • 34
options • 34
pasting • 34
searching/dialing • 36
speed-dialing • 39
storing numbers/names • 31
PIN
changing • 84
checking • 83
description • 121
PIN2
changing • 85
description • 122
Power on/off tone • 78
Problem solving • 117
PUK • 121
PUK2 • 122

R

Redialing
automatically • 88
last number • 23
Reset setting (4.10) • 89
Ring
tone (3.1) • 75
type (3.3) • 76
volume (3.2) • 75
Roaming • 104

S

Safety
information • 123
precautions • 7
Schedule • 90
Searching in Phonebook • 36
Security (4.6) • 83
Selecting functions/options • 29
Service light • 16, 87
Setting
alarm (5.4) • 96
date (5.3.2) • 95
language (4.5) • 83
time (5.3.1) • 95
Shortcut (4.9) • 89
SIM card
installing • 17
locking 85
removing • 17
SIM Lock (4.6.5) • 85
SMS
message icon• 60
setup • 66
using • 50, 60
Soft keys • 29
Sound settings (3) • 75
Speed-dialing • 39

T

T9 mode • 43
Tasks
defining • 92
editing • 93
Templates (1.4) • 65

Text
- changing mode • 42
- entering • 41
- Messages
  - broadcast (1.9) • 70

Text messages
- inbox (1.1) • 60
- outbox (1.2) • 62
- setting (1.5) • 66
- templates (1.4) • 65
- write new (1.3) • 63

Time
- call (2.5) • 73
- format (5.3.4) • 95
- setting (5.3.1) • 95
- world (5.3.3) • 95

To do list (5.2) • 92

Tone
- connect • 79
- error • 79
- folder • 78
- keypad • 76
- message • 77
- power on/off • 78
- ring • 75

Travel adapter • 19

U

Upper-case characters
- entering • 44

User group • 105

V

Vibration • 76

Voice mail (1.8) • 69

Voice server • 69

Volume
- adjusting • 24
- selecting the ring • 75

W

Waiting call • 50, 103

WAP Browser • 108

World time (5.3.3) • 95

Access the Menu Functions	① Press the **Menu** soft key. ② Scroll with the and keys through the list of the menus until you reach the required menu. ③ Press the **Select** soft key. ④ Scroll with the and keys through the list of the options until the required one is selected. ⑤ Press the **Select** soft key.

- *Each of the two soft keys (and) perform the function indicated by the text above it (on the bottom line of the display).*

Dual Band SGH-S307 GPRS Telephone

Quick Reference Card

Switch On/Off	Press and hold the key.
Make a Call	① Key in the number. ② Press the key.
End a Call	Briefly press the key.
View Missed Calls Immediately After Missing Them	① Open the phone and press the **View** soft key. ② Scroll with the and keys through the missed calls. ③ 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	① Select the **Alert Type** menu option (**Menu 3.3**). ② Select an option: • **Light only** • **Melody** • **Vibration** • **Vibra+Melody** ③ Press the **Select** soft key.

Store Numbers in Phonebook	① Enter the number. ② Press the **Save** soft key. ③ Select an icon for label. ④ Press the **Select** soft key. ⑤ Enter the name. ⑥ Press the **OK** soft key. ⑦ If necessary, change the memory. ⑧ Press the **OK** soft key. ⑨ Press /① to return to Idle Mode.
Search for a Number in Phonebook	① Press the **Name** soft key. ② Select the **Search** option. ③ Enter the first few letters of the name. ④ To scroll through the names, press the or key. ⑤ Press the **View** soft key. ⑥ To scroll through the numbers, press the or key. ⑦ Press the key to dial.