GPRS TELEPHONE
SGH-E818

Contents

Important safety precautions 7

Unpacking 9

Your phone 10
Phone layout 10
Display 13
Service light 16
Camera 16
Flashlight 16

Getting started 17
Installing the SIM card 17
Charging the battery 19
Switching on or off the phone 21
Using the Keypad Lock feature 22

Call functions 23
Making a call 23
Voice dialling 25
Adjusting the volume 26
Answering a call 27
Viewing missed calls 28
Quickly switching to silent mode 30

Selecting functions and options 31
Using the soft keys 31
Selecting options 32

Phonebook 34
Storing a number with a name 34
Using Phonebook entry options 37
Dialling a number from Phonebook 39
Speed-dialling 40
Searching for and dialling a number in Phonebook 42
Editing a caller group 45
Deleting all of the Phonebook entries 46
Checking the memory status 47
Using the service dialling numbers 48

Entering text 49
Changing the text input mode 50
Using Chinese Pinyin mode 52
Using Chinese Stroke modes 55
Using Quick English mode 58
Using English mode 61
Using Number mode 62
Using Symbolic mode 63
Using My words mode 64
Using Help mode 65

Options during a call 66
Putting a call on hold 66
Using the menu functions 67
Switching off the microphone (Mute) 68
Muting or sending key tones 69
Sending a sequence of DTMF tones 69
Searching for a number in phonebook 70
Call waiting 71
Making a multi-party call 71

Using the menus 74
Accessing a menu function by scrolling 74
Using shortcuts 75
List of menu functions 76

SIM AT 82

Call records 83
Missed calls *(Menu 2.1)* 83
Received calls *(Menu 2.2)* 84
Dialled calls *(Menu 2.3)* 84
Delete all *(Menu 2.4)* 85
Call time *(Menu 2.5)* 86
Call costs *(Menu 2.6)* 87

Network services 88
Call diverting *(Menu 3.1)* 88
Call barring *(Menu 3.2)* 90
Call waiting *(Menu 3.3)* 92
Network selection *(Menu 3.4)* 93
Caller ID *(Menu 3.5)* 94
Closed user group *(Menu 3.6)* 94

Sound settings 96
Ring tone *(Menu 4.1)* 96
Ring volume *(Menu 4.2)* 96
Alert type *(Menu 4.3)* 97
Keypad tone *(Menu 4.4)* 97
Message tone *(Menu 4.5)* 98
Slider tone *(Menu 4.6)* 99
Power on/off *(Menu 4.7)* 100
Ontime alarm *(Menu 4.8)* 100
Alert on call *(Menu 4.9)* 100
Extra tones *(Menu 4.0)* 101

Messages 102
Text messages *(Menu 5.1)* 102
Multimedia messages *(Menu 5.2)* 110
Push messages *(Menu 5.3)* 123
Delete all *(Menu 5.4)* 123
Voice mail *(Menu 5.5)* 124
Broadcast messages *(Menu 5.6)* 125
Memory status *(Menu 5.7)* 126

Funbox 127
WAP browser *(Menu 6.1)* 127
Fun club *(Menu 6.2)* 133
Games & More *(Menu 6.3)* 134
Sounds *(Menu 6.4)* 136
Images *(Menu 6.5)* 137
Delete all *(Menu 6.6)* 137
Memory status *(Menu 6.7)* 138

Organiser 139
Alarm *(Menu 7.1)* 139
Calendar *(Menu 7.2)* 141
Time & Date *(Menu 7.3)* 143
Calculator *(Menu 7.4)* 144
To do list *(Menu 7.5)* 145
Voice memo *(Menu 7.6)* 147
Currency exchange *(Menu 7.7)* 149

Camera 150
Taking a photo 150
Take photos *(Menu 8.1)* 154
My photos *(Menu 8.2)* 154
Video *(Menu 8.3)* 155
Memory status *(Menu 8.4)* 157

Phone settings 158
Activate infrared *(Menu 9.1)* 158
Display settings *(Menu 9.2)* 159
Greeting message *(Menu 9.3)* 161
Own number *(Menu 9.4)* 161
Language *(Menu 9.5)* 161
Security *(Menu 9.6)* 162
Extra settings *(Menu 9.7)* 166
Reset settings *(Menu 9.8)* 167

Using VoiceSignal 168
Using the VoiceSignal feature 168
Setting up the VoiceSignal options 169

Solving problems 170

Access codes 173
Phone password 173
PIN 174
PUK 174
PIN2 175
PUK2 175
Barring password 176

Health and safety information 177
Exposure to Radio-Frequncy Energy (SAR Information) 177
Precautions when using batteries 178
Road safety 180
Operating environment 180
Electronic devices 181
Potentially explosive environments 183
Emergency calls 184
Other important safety information 185
Care and maintenance 186

Glossary 188

Quick reference card 193

Important safety precautions

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

Road safety at all times

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

Switching off when refuelling

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

Switching off in an aircraft

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

Switching off near all medical equipment

Switch off your phone near medical equipment. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy. 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).

Water resistance

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

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

Key in the emergency number for your present location, then press the key. Give all the necessary information as accurately as possible. Do not end the call until given permission to do so.

Keeping small children away from your phone

Keep the phone and all its parts including accessories out of the reach of small children.

Accessories and batteries

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

Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers.

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 177.

CAUTION

RISK OF EXPLOSION IF A BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Unpacking

Your package contains the following items:

Handset

Travel charger

Battery

User's manual

Note: The items supplied with your phone and available accessories may be different, depending on your country or service provider.

Your phone

Phone layout

The following illustrations show the main elements of your phone:

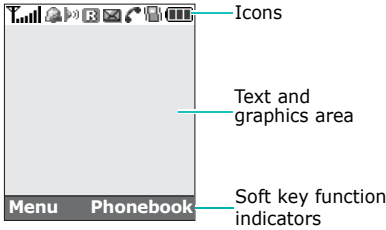
Key(s)	**Description**
	In Idle mode, quickly enters the following menus respectively: • Up: **Calendar** • Down: **Voicesignal** • Left: **Text messages** This key access the **Create** menu when held down. • Right: **Sound settings** This key access the **Ring tone** menu when held down. In Menu mode, scrolls through the menu options and Phonebook. When entering text, moves the cursor, depending on which side you push.
 (soft keys)	Performs the functions indicated by the screen text above them, on the bottom line of the display.
	In Idle mode, allows you to quickly access the wireless web or Samsung FUn Club. You can also launch the WAP browser when held down.
	Deletes characters from the display. In Menu mode, returns you to the previous menu level.
	Makes or answers a call. In Idle mode, recalls the last number dialled or received when held down.

Key(s)	**Description** (continued)
	Ends a call. Also switches the phone on and off when held down. In Menu mode, cancels your input and returns the phone to Idle mode.
	In Idle mode, accesses your voice mail when held down.
	Enters numbers, letters, and some special characters.
	Enters special characters. Performs various functions.
	(on the right side of the phone) In Idle mode, accesses the **Camera** menu. Turns the camera on when held down. In Capture mode, takes a photo.
	(on the left side of the phone) Adjusts the ringer volume when the phone is ringing and the earpiece volume during a call. In Menu mode, scrolls through menu options and Phonebook.

Display

Display layout

The display has 3 areas:



Area	Description
First line	Displays various icons. See page 14.
Middle	Displays messages, instructions, and any information that you enter, such as the number you are dialling.
Last line	Shows the current functions assigned to the two soft keys.

Icons

Icon	Description
	Shows the received signal strength. The greater the number of bars, the stronger the signal.
	Appears when a call is in progress.
	Appears when you are out of your service area. When it displays, you cannot make or receive a call.
	Appears when you are connected to the GPRS network.
	Appears when you are out of your home area and have logged onto a different network; for example, when travelling in other countries.
	Appears when the Call Diverting feature is activated. For details, see page 88.
	Appears when a new text message has been received.
	Appears when a new voice mail message has been received.
	Appears when a new multimedia message has been received.
	Appears when you set an alarm to ring at a specified time. For details, see page 139.

Icon	**Description** (continued)
	Appears when the IrDA port is active. For details, see page 158.
	Appears when Silent mode is active or you set the phone to vibrate when you receive a call. For further details, see page 30 and page 97 respectively.
	Appears when Mute mode is active.
	Shows the level of your battery. The more bars you see, the more power you have remaining.

Backlight

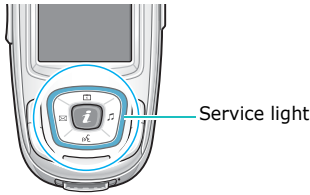
The backlight illuminates the display and the keypad. When you press any key or open the phone, the backlight comes on. It goes off when no keys are pressed within a given period of time, depending on the setting in the **Back light** menu (**Menu 9.2.3**). The display turns off after one minute to conserve battery power.

To specify the length of time the backlight is active, set the **Back light** menu (**Menu 9.2.3**). See page 160 for further details.

Service light

The service light, which is a light around the Navigation keys, flashes when services are available on the phone.

To activate or deactivate the service light, use the **Service light** menu (**Menu 9.2.4**). See page 160 for further details.



Camera

The camera module on the top left of your phone allows you to take a photo and record a video while on the move.

For further details about the Camera feature, see page 150.

Flashlight

You can use the built-in flashlight on the back of the slider to take photos when it is dark. You can also use the flashlight in emergency conditions.

For further details about the **Flash light** option, see page 155.

Getting started

Installing the SIM card

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

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.

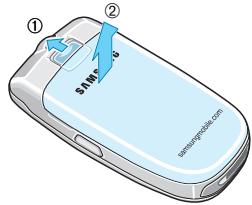
Keep all SIM cards out of the reach of small children.

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:

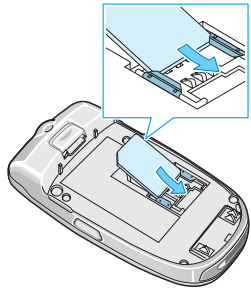
   ① Slide the battery lock towards the top of the phone and hold it in that position.

   ② Lift the battery away, as shown.

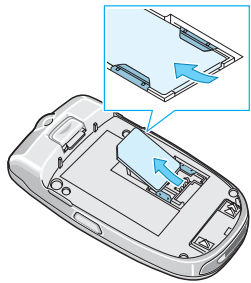


3. Slide the SIM card into the SIM card socket, as shown, so that the card locks into position.

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



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



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

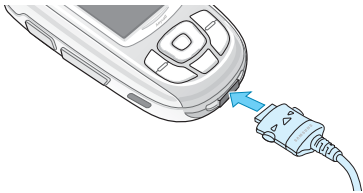
5. Press the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the power.

Charging the battery

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

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

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



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

Note: You must unplug the charger before removing the battery from the phone during charging; otherwise, the phone could be damaged.

Low battery indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and a message repeats at regular intervals on the display. In this case, your phone will turn off the backlight to conserve the remaining battery power.

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

Switching on or off the phone

1. Open the phone and press and hold the key until the phone switches on.
2. If the phone asks you to enter a password, enter a password and press the **OK** soft key or the key. The password is preset to "00000000" at the factory. For further details, see page 173.
3. If the phone asks for a PIN, enter the PIN and press the **OK** soft key or the key. For further details, see page 174.

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

   Note: To change the language, use the **Language** menu (**Menu 9.5**). For further details, see page 161.
4. When you wish to switch off the phone, press and hold the key until the power-off image displays.

Notes:

- In order to turn the phone on or off with the key, the phone must be open.
- To avoid turning the phone on through an accidental press of the key, remove the battery.

WARNING!

Do not switch on the phone when mobile phone use is prohibited or when it may cause interference or danger.

Using the Keypad Lock feature

You can open the phone to use the number keypad and back down to make the phone compact.

When you close the phone back in place, the display turns off and the phone automatically locks the keypad to keep it from being pressed accidentally.

To unlock the keypad:

when the display is on	press the **Unlock** soft key and then press the **OK** soft key.
when the display is off	choose one of the following ways: • press and hold the left soft key and then press the **OK** soft key. • press and hold either of the Volume keys, press the **Unlock** soft key, and then press the **OK** soft key.

Call functions

Making a call

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

Note: When you activate the **Auto redial** option in the **Extra settings** menu (**Menu 9.7**), the phone will automatically redial up to 10 times when the person does not answer the call or is already on the phone. See page 166 for further details.

Making an international call

1. Press and hold the **0** key.
   The **+** character appears.

2. Enter the country code, area code, and phone number and press the key.

Correcting the number

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

Ending a call

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

Redialling the last number

The phone stores the numbers of the calls you've dialled, received or missed, if the call recipient or caller is identified. See "Call records" on page 83 for further details.

To recall any of these numbers:

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

To	Press the
dial the number	key.
edit the number	**Options** soft key or the *i* key and select **Edit**. Change the number, referring to "Correcting the number" on page 23.
delete the number	**Options** soft key or the *i* key and select **Delete**.
delete all of the numbers on the Call log list	**Options** soft key or the *i* key and select **Delete all**. For details, see page 85.

Making a call from Phonebook

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

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

For further details about the Phonebook feature, see page 34.

Voice dialling

Once you have stored a phone number in Phonebook, you can dial it simply by saying the associated name.

To help the phone to recognise voice commands correctly, you can change the settings for the VoiceSignal feature. For further details, see page 169.

1. In Idle mode, press the Down key.
2. Say **Name dial**.
3. Say a name stored in Phonebook.

   The phone displays the 3 best results and prompts you with the phrase, "Did you say...," followed by the first name on the list.
4. Say "Yes" to confirm the name or "No" to hear the next name, or use the number keypad to select the correct name from the list.

   Note: You can also say "Cancel" to stop voice dialling, or "Repeat" to say a name again.

If the recognised name has more than one number, the phone displays the 5 most recently saved numbers, labelled with their number categories; for example, **Home 1**, **Home 2**, **Mobile 1**, and **Mobile 2**.

5. Say the desired category followed the number you want or use the number keypad to select the correct number.

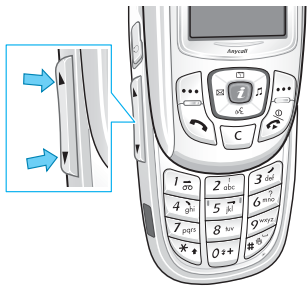
   The phone displays and dials the corresponding number.

   Note: If the displayed number is not the one you want, start the procedure again.

Adjusting the volume

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

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



In Idle mode, you can also adjust the keypad tone volume using these keys.

Answering a call

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

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

1. If necessary, open the phone.

2. Press the key or the **Accept** soft key to answer the incoming call.

   When the **Anykey answer** option in the **Extra settings** menu (**Menu 9.7**) is activated, you can press any key to answer a call except for the **Reject** soft key, the **C** key, and the key. See page 166.

   When the **Active slide** option in the **Extra settings** menu (**Menu 9.7**) is activated, you can answer the call simply by opening the phone. See page 166.

   Notes:
   - To reject the call, press the **Reject** soft key or the key.
   - You can mute the ringer by pressing and holding the Volume keys when the phone is ringing.

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

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

Viewing missed calls

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

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

To view a missed call immediately:

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

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

3.

To	**Press the**
scroll through the missed calls	Up or Down key.
call the number displayed	key.
edit or delete a missed call number	**Select** soft key or the *i* key. See the following sections.

Editing a missed call number

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

1. If necessary, open the phone.
2. Press the **Options** soft key or the *i* key.

3. Press the Up or Down key to highlight the **Edit** option.
4. Press the **Select** soft key or the *i* key.
5. Change the number.
6.

To	Press the
call the number	key.
store the number	**Save** soft key or the *i* key and enter a name and location. For further details, see page 34.

Deleting a missed call

1. If necessary, open the phone.
2. Press the **Options** soft key or the *i* key.
3. If necessary, press the Up or Down key to highlight the **Delete** option.
4. Press the **Select** soft key or the *i* key.

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

Note: You can access the Missed Call feature at any time by selecting the **Missed calls** menu (**Menu 2.1**). For further details, see page 83.

Quickly switching to silent mode

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

In Idle mode, press and hold the # key until the "Silent mode" message and the Vibration icon ( ) display.

In Silent mode, instead of sounds, your phone will vibrate, flash its light, or do nothing, depending on the function and situation.

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.

Notes:
- When you turn the phone off, Silent mode is automatically deactivated.
- Activating Silent mode will not turn off the camera shutter sound.

Selecting functions and options

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

Using the soft keys

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

Example:

Press the left soft key to access Menu mode.

Press the right soft key to access the Phonebook feature.

In each menu, one of the most popular sub menu is assigned to the left soft key — for example, if you select the **Sound settings** menu, **Ring tone** is assigned to the left soft key. This allows you to quickly access the most popular menus.

Selecting options

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

1. Press the appropriate soft key.

2.

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

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

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

Phonebook

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

Note: Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store may differ.

Storing a number with a name

There are two ways to store a number:

- Using the **Save** soft key or the *i* key in Idle mode
- Using the **Add entry** option in the Phonebook menu

Storing a number in Idle mode

1. Enter the number you want to store.

   Note: If you make a mistake while entering a number, correct it using the **C** key. For further details, see page 23.

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

3. Select an icon to identify the category in which the number is to be stored. 3 categories are available:
   - : Mobile phone number
   - : Office number
   - : Home number

   To select the category, press the Left or Right key and press the **Select** soft key or the *i* key.

4. Select a memory location, either **SIM** or **Phone**, by pressing the Up or Down key and press the **Select** soft key or the *i* key.

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

5. Enter a name and press the **OK** soft key or the *i* key.

   For further details about how to enter characters, see page 49.

6. Press the **OK** soft key or the *i* key to confirm the name.

7. 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 another location by pressing the numeric keys.

8. Press the **OK** soft key or the *i* key to store the name and number.

   After storing, the phone displays the Phonebook number or name you just stored.

9.

To	Press the
use the entry options	**Options** soft key or the *i* key. For further details, see page 37.
return to the idle screen	key.

Storing a number using the Phonebook menu

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

2. Scroll to **Add entry** by pressing the Up or Down key and press the **Select** soft key or the *i* key.

3. Select an icon to identify the category of the number to be stored by pressing the Left or Right key, and press the **Select** soft key or the *i* 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. Select a memory location, either **SIM** or **Phone**, by pressing the Up or Down key and press the **Select** soft key or the *i* key.

   Note: When you are saving an e-mail address, SIM is not available.

5. Enter a name and press the **OK** soft key or the *i* key.

   For further details about how to enter characters, see page 49.

6. Press the **OK** soft key or the *i* key to confirm the name.

7. Enter the number or address you want to store and press the **Save** soft key or the *i* key.

8. Continue the procedure from step 7 on page 35 to store the number.

Using Phonebook entry options

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

The following options are available:

Photo caller ID: allows you to assign one of the photos you took using the camera as a caller ID image to be displayed when you receive a call from the selected number. For details about the Camera feature, see page 150.

Select photo: allows you to select a photo for the number.

Take photo: allows you to take a new photo to be used as a caller ID.

View: displays the photo assigned to the number.

Delete caller ID: cancels the photo caller ID setting for the number.

Edit: allows you to edit the name and number.

Select **One entry** to change the name and/or phone number for the selected entry. If you change the name, the number is saved separately with the new name.

Select **All entry** to change only the name of the entry.

Copy: allows you to copy the number to another location. You can select the memory location, either SIM or Phone, and the location number.

Paste: allows you to paste the number into the normal dialling mode. Use this option to dial a number similar to one in Phonebook, such as a different extension in the same office.

Use the **C** key to change the number as required; see page 23 for further details. When you are ready to dial, press the key.

Delete: allows you to delete the selected number from Phonebook. You are asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key or the *i* key.

Caller group: allows you to organise your Phonebook entries in caller groups so that the phone alerts you in a specific way when a person from one of your groups calls you. Select one of the 10 groups available.

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

For further details about how to change caller group properties, see page 45.

Add entry: allows you to add a new number to the currently selected name.

Dialling a number from Phonebook

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

Note: If you cannot remember a location number, you must go into the **Search** option by pressing the **Phonebook** soft key to search for the entry by name. For details, see page 42.

Dialling a number from the SIM card

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

   The list of the entries in the SIM card appears.

2. You can press the Up or Down key to find other numbers on the list.

3. Press the **Dial** soft key, the key, or the key when you have selected the number you want.

Dialling a number from the phone's memory

1. In Idle mode, press and hold the **0** key. A **+** appears.

2. Enter the location number of the number you want and press the # key.

   The list of entries in the phone's memory appears.

3. You can press the Up or Down key to find other numbers on the list.

4. Press the **Dial** soft key, the key, or the key when you have selected the number you want.

Speed-dialling

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

Setting up speed-dial entries

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

2. Scroll to **Speed dial** by pressing the Up or Down key and press the **Select** soft key or the key.

3. Select the key to which you wish to assign the speed-dialling number, from the **2** to **9** keys, and press the **Select** soft key or the key.

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

   If you have already assigned a number to the key, the **Options** soft key replaces the **Select** soft key. Go to step 6.

4. Enter the first few letters you want to find and press the **OK** soft key or the key.

   The Phonebook entries are listed, starting with the entry that most closely matches your input.

5. Select an entry from the Phonebook list and press the **View** soft key or the *i* key.

6. Select a number, if the entry has more than one, by pressing the Up or Down key and press the **Select** soft key or the *i* key.

7. Once you have assigned a number to the key, you can access the following options by pressing the **Options** soft key or the *i* key:

   - **Change**: allows you to assign a different number to the key.
   - **Delete**: allows you to clear the setting so that no number is assigned to the key.
   - **Delete 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.

8. When you are finished, press the soft key or the key.

Speed-dialling

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

Searching for and dialling a number in Phonebook

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

Searching for a number by name

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

   The Phonebook entries are listed, starting with the entry that most closely matches your input.

4.

To	Press the
view the highlighted entry	**View** soft key or the *i* key.
select a different entry	Up or Down key until the entry you want highlights.
look for a name starting with a different letter	key labelled with the letter you want.

5. Once you have found the entry, press the key to dial the number, or press the **Options** soft key or the *i* key to access the Phonebook entry options; for further details, see page 37.

Searching for a number by caller group

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

   The caller groups are listed, starting with the group that most closely matches your input.
4. If necessary, scroll to a group by pressing the Up or Down key and press the **View** soft key or the *i* key.

   The Phonebook entries in the caller group are listed.
5.

To	Press the
view the highlighted entry	**View** soft key or the *i* key.
select a different entry	Up or Down key until the entry you want highlights.

6. Once you have found the entry, press the key to dial the number, or press the **Options** soft key or the *i* key to access the Phonebook entry options; for further details, see page 37.

Searching for a Phonebook entry by voice

Once you have stored Phonebook entries, you can search for an entry by saying a name. You can also change the settings for the VoiceSignal feature. For further details see page 169.

1. Open the phone.
2. In Idle mode, press the Down key.
3. Say **Name lookup**.
4. Say the name in your Phonebook list.
5. The phone displays a choice list and prompts you with "Did you say?" followed by the first name on the list. Follow the next steps.
6. Say "Yes" to confirm the name or "No" to hear the next name, or use the keypad to select the correct name from the list.

   You can also say "Cancel" to exit the application, or "Repeat" to say the name again.
7. The phone displays the name with phone numbers.

   When you press the **Options** soft key or the *i* key to access the options for the entry. For details, see page 37.

Editing a caller group

1. When the idle screen displays, press the **Phonebook** soft key.
2. Scroll to **Group edit** by pressing the Up or Down key and press the **Select** soft key or the i key.
3. Scroll through the group list by pressing the Up or Down key.
4. When the group you want highlights, press the **Options** soft key or the i key.
5. Select each option and change the settings, as you want. The following options are available:
   - **Call ring tone**: allows you to set a ring tone to be used when you receive a voice call from a member of that group.
   - **SMS tone**: allows you to set a ring tone to be used when you receive a message from a member of that group.
   - **Graphic**: allows you to set a graphic icon to be displayed when you receive a voice call from a member of that group.
   - **Group name**: allows you to assign a name to the group. For further details about how to enter characters, see page 49.
6. When you are finished, press the soft key or key.

Deleting all of the Phonebook entries

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

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

2. Scroll to **Delete all** by pressing the Up or Down key and press the **Select** soft key or the i key.

3. To place a check mark by the memory you want to empty, **All**, **SIM**, or **Phone**, press the i key.

   You can remove the check mark by pressing the i key again.

4. When you have finished marking, press the **Delete** soft key to delete the entries in the selected memory location(s).

5. Enter the phone password and press the **OK** soft key or the i key.

   Note: The password is preset to "00000000" at the factory. To change this password, see page 173.

6. When a confirmation message appears, press the **Yes** soft key or the i key.

   To cancel the deletion, press the **No** soft key.

7. When the phone asks for confirmation again, press the **Yes** soft key or the i key.

8. When you are finished, press the soft key or the key.

Checking the memory status

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

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

2. Select the **Memory status** option by pressing the Up or Down key and press the **Select** soft key or the *i* key.

3. Press the Up or Down key to view the number of entries you have stored and the total number of the entries you can store in the SIM card and phone's memory.

4. When you are finished, press the soft key or the key.

Using the service dialling numbers

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

1. When the idle screen displays, press the **Phonebook** soft key.
2. Select the **SDN** option by pressing the Up or Down key and press the **Select** soft key or the *i* key.
3. Scroll through the numbers by using the Up or Down key.
4. To dial the number displayed, press the **Dial** soft key or the *i* key.

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

Entering text

The phone allows you to enter characters for messages and names in Chinese and English. To enter Chinese text, the phone provides several widely used pronunciation based (Pinyin) and character shape based (Stroke) input methods to meet the preferences of different users, allowing for greater convenience and ease of use.

You can also enter any combination of Chinese characters, alphabets, numbers, and special symbols including punctuation marks and shortcuts.

The following text input modes are available on your phone:

- Pinyin mode
- Chinese Simplified Stroke mode
- Quick English mode
- English mode
- Chinese Traditional Stroke mode
- Number mode
- Symbolic mode
- My words mode

Directions for using each of the text input modes appear later in this section.

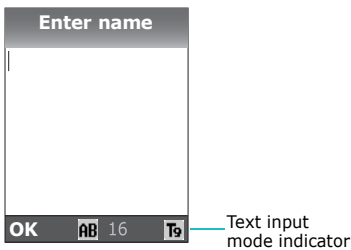
Note: The available text input modes may be different, depending on your language setting. Refer to the following table:

Language	Available modes
English	CHN T Stroke, Quick English, English, Number, Symbolic, My words
Chinese T	CHN T Stroke, Quick English, English, Number, Symbolic, My words
Chinese S	Pinyin, CHN S Stroke, Quick English, English, Number, Symbolic, My words

Changing the text input mode

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

Example: Entering a name for a Phonebook entry



Note: Depending on your particular SIM card, the maximum number of the characters you can enter may differ.

To change to another text input mode:

1. Select the current mode indicator on the right soft key field.

2. Select the mode you want to use.

   Note: If you want to exit the menu without changing to a new mode, press the key.

   The selected text input mode indicator appears at the bottom of the display.

Input mode	**Indicator**
Chinese Pinyin mode	拼 (see page 52)
Chinese Simplified StrOKe mode	笔 (see page 55)
Chinese Traditional Stroke mode	筆 (see page 55)
Quick English mode	To (see page 58)
English mode	A (see page 61)
Number mode	1 (see page 62)
Symbolic mode	S (see page 63)
My words mode	No indicator (see page 64)

Using Chinese Pinyin mode

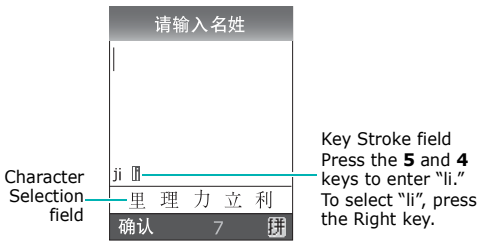
Pinyin is a system to write pronunciation of Chinese words using the Latin alphabets. With the Pinyin input method, you can enter Chinese characters by keying in the Pinyin string from the phone's keypad and the phone automatically presents the matching words.

This mode allows you to enter Pinyin characters with only one key press per letter.

Typing characters in Pinyin mode

1. Press the keys corresponding to the phonetic spelling, referring to the alphabets printed on the keys. Notice that the choices in the Character Selection field change. All of the phonetic spellings corresponding to the keys you press display.

   Example: Typing "力" in Pinyin mode



2. Select the Pinyin you want.

3. If you cannot find the character on the display, scroll through choices in the Character Selection field by pressing the Down key. To move back, press the Up key.

   When the character you are typing appears in the Character Selection field, you may select it, without completing the Pinyin spelling for the character.

4. When the character displays, press the **1** key to activate the Character Selection field. A number (**7** to ✳) is added to the beginning of a corresponding character.

5. With the Character Selection field being activated, press the **7** key to the ✳ key to select the corresponding character.

Press the **9** key to select "力".

Note: If you enter the first character of the name you assigned to a My Words item (see page 64), the display shows you the character at the end the Pinyins for your keypress. To use the item, press the Right key to highlight the character and then press the ✳ key.

Inserting a space

To insert a space between characters, press the **#** key when the cursor blinks in the Text Area.

Scrolling

To move the cursor through your text, press the Left or Right key.

Clearing strokes and characters

Press the **C** key one or more times to remove key stokes to the left. When the Key Stroke field is empty, pressing the **C** key removes characters from the Text Area.

Rapid character entry

Rapid character entry is easy in any mode, using the Character Selection field. As you enter characters, your phone predicts the next character you might want and presents choices in the Character Selection field. When the character you want appears, you may select it as described in steps 4 and 5 in "Typing characters in Pinyin mode" on page 52.

For example, when you want to type the word "zhong guo (中国)," enter the first character using the following keystrokes; **9**, **4**, **6**, **6**, **1**, and **7**. You don't need to complete the Pinyin spelling to include "guo (国)." With no extra typing, the character displays conveniently in the Character Selection field for you to choose.

Using Chinese Stroke modes

Your phone provides Chinese Simplified Stroke mode and Chinese Traditional Stroke mode. These modes allow you to enter individual Chinese strokes, in written order, from top to bottom and from left to right.

The 2 modes work similarly, but the characters that appear on the display may differ.

Even though there are many different strokes used to create Chinese characters, the strokes are classified into 5 basic categories; heng, shu, pie, dian and zhe. The basic strokes are printed on the **1** to **5** keys on the keypad.

To enter a stroke, press the key printed with the stroke that most closely represents the exact stroke you want.

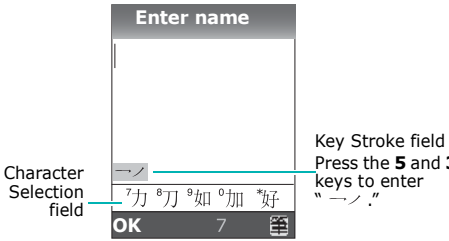
The table shows the stroke/key relationship:

Categories	Keys	Strokes represented in each category

Typing stokes and characters in Stroke mode

1. To type a character, press the keys corresponding to its component strokes. Press the keys on the phone in order that you would write the strokes, using one press per stroke.

   Example: Typing "力" in Chinese Traditional Stroke mode



2. The phone displays your strokes in the Key Stroke field and offers character choices in the Character Selection field. As you enter strokes, notice that the choices in the Character Selection field change. To scroll through the choices, press the Down key. To move back, press the Up key.

3. When the character you are typing appears in the Character Selection field, you may select it without finishing the stroke sequence for the character. Characters displayed in the Character Selection field correspond to the keys **7** to ✳ on the keypad.

   To select a character and add it to your text, press the corresponding key (**7** to ✳).

Note: If you are uncertain of the order of one or more strokes, press the **6** key in place of each questionable stroke. Continue entering strokes until the character displays in the Character Selection field or until you finish the character.

Inserting a space

To insert a space between characters, press the **#** key when the cursor blinks in the Text Area.

Scrolling

To move the cursor through your text, press the Left or Right key.

Clearing strokes and characters

Press the **C** key one or more times to remove strokes to the left. When the Key Stroke field is empty, pressing the **C** key removes characters from the Text Area.

Rapid character entry

Rapid character entry is easy in any mode, using the Character Selection field.

As you enter characters, your phone predicts the next character you might want and presents choices in the Character Selection field. When the character you want appears, you may select it as described in step 3 on page 56.

In most cases, the character you want appears in the Character Selection field before you enter all of the strokes to build it.

For example, try typing the 12 stroke character pair "中国" using the following keystrokes; **2**, **8**, and **7**. Even though "国" is a 12 stroke character pair, your phone enables you to type it in only three key presses!

Using Quick English mode

This mode allows you to enter English words with only one key press per letter. Each key on a keypad has more than one letter; for example, when you press the **5** key once, J, K, or L displays. Quick English mode automatically compares your key presses to an internal linguistic database to determine the correct word.

The mode requires far fewer keystrokes than the traditional multi-tap method, English mode.

To enter a word in Quick English mode:

1. Press keys on the phone just once per a letter you want. For example, to enter "HELLO," press the **4**, **3**, **5**, **5** and **6** keys.

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

2. Type to the end of the word before editing or deleting any keystrokes.

3. If the word is correct, insert a space by pressing the # key and start entering the next word.

   Otherwise, press the **0** key, the Up or Down key repeatedly to display alternative word choices for the keys that you pressed.

   Example: Both "OF" and "ME" use the **6** and **3** keys. The phone displays the most commonly used choice first.

   Note: Depending on your country, the **0** key may not be available for scrolling alternative word choices.

To add a new word into the T9 dictionary:

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

2. When you press the **0** key or the Down key at the last alternative word, the display shows **Add** on the bottom line. Press the **Add** soft key or the *i* key.

3. If necessary, clear the word using the **C** key and enter the word you want to add using English mode. See page 61.

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

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

Smart punctuation

To enter periods, hyphens, or apostrophes, press the **1** key. Quick English mode applies grammar rules to ensure that the correct punctuation is used.

Changing case

To change case of the letters, use the * key. There are 3 cases; Capital Lock(AB), Lower case(ab), and Initial Capital(Ab).

Scrolling

To move the cursor through your text, press the Left or Right key.

Clearing letters and words

To delete letters, press the **C** key. Press and hold the **C** key to clear the display.

Using English mode

When typing in English mode, press the key labelled with the character you want:

- Once for the first character
- Twice for the second character
- and so on.

This method is called Multi-tap typing.

For example, you need to press the **2** key 3 times to display the character "C" and the **5** key twice to display the character "K."

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

Refer to the table below for more information about the characters available by pressing the number keys:

Key	Characters in the order displayed	
	Upper case	Lower case
1	. , – ? ! @ : ( ) / 1	
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	Space + = < > € £ $ % & ¥ ¤ 0	

Inserting a space

You can insert a space between words by pressing the # key.

Changing case

To change case of the letters, use the * key. There are 3 cases; Capital Lock(AB), Lower case(ab), and Initial Capital(Ab).

Scrolling

To move the cursor through your text, press the Navigation keys.

Clearing letters and words

To delete letters, press the **C** key. Press and hold the **C** key to clear the display.

Using Number mode

Number mode enables you to enter numbers in your text, such as a telephone number. Press the keys corresponding to the digits you want to enter.

Using Symbolic mode

Symbol mode enables you to insert symbols into your text.

To	Press the
select a symbol	corresponding numeric key.
display more symbols	Up or Down key.
insert the symbol(s) into your message	**OK** soft key or the *i* key.
clear the symbol(s)	**C** key.

Using My words mode

This mode allows you to preset Chinese words or phrases so that you can quickly and easily insert them into your text while you are creating a message.

Adding a word or phrase onto the My words list

1. Select **Add word** and press the *i* key.
2. Enter a word or phrase using the available modes and press the **OK** soft key or the *i* key.

   For further details about each mode, see pages from 52 to 60.
3. Enter a name to assign to the word you added. If necessary, press the **C** key to clear the characters.
4. Press the **OK** soft key or the *i* key.

   The word or phrase is added to the My Words list.

Using My words items

1. Choose the current input mode indicator on the right soft key field when you are creating text.
2. Select **My words** from the list.

3. Select the word you want from the list.

   Alternatively, enter a few letters of the name of the My words item you want to find. The first item matching your input highlights. You can then select an item.

4. Press the *i* key to insert the selection in your text.

Using My words options

Select a word or phrase from the My words list and press the **Options** soft key.

The following options are available:

Edit phrase: allows you to change the word or phrase and then the name assigned to the item.

Create phrase: allows you to add a new word or phrase.

Delete phrase: allows you to delete the item. When a confirmation message appears, press the **Yes** soft key.

Select phrase: allows you to insert the word or phrase to your text.

Using Help mode

On-screen help is available by selecting **Help** from the input mode menu. Use the Up and Down keys to scroll through the Help information.

Options during a call

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

Putting a call on hold

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

To place a call on hold, simply press the **Hold** soft key. You can reactivate the call whenever you want, by pressing the **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.

   For details about searching for a number in Phonebook, see page 42.

2. Press the key to dial the second call.

   The first call is automatically put on hold.

Or,

1. Put the current call on hold by pressing the **Hold** soft key.

2. Make the second call in the normal way.

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

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

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

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

Using the menu functions

You can access the main menu functions during a call.

1. Press the **Options** soft key or the key.
2. Press the **OK** soft key or the key when the **Menu** option highlights.
3. Press the Up or Down key to scroll through the menu list.

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

4. When the menu you want highlights, press the key.
5. If the selected menu has sub-options, repeat steps 3 and 4.

For further details about available menu functions, see the list on page 76.

Switching off the microphone (Mute)

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

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

To switch the microphone off temporarily:

1. Press the **Options** soft key or the *i* key.
2. Press the Down key to highlight the **Mute** option.
3. Press the **OK** soft key or the *i* key.

   The Mute icon ( ) displays and the other person can no longer hear you.

To switch the microphone back on:

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

   The other person can hear you again.

Muting or sending key tones

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

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

Sending a sequence of DTMF tones

You can send the DTMF tones as a group after entering the entire number you need to send.

This option is helpful for entering a password or an account number when you call an automated system, like a banking service.

To send the DTMF tones:

1. While connected to the teleservice system, press the **Options** soft key or the *i* key.
2. Press the Down key to highlight the **Send DTMF** option.
3. Press the **OK** soft key or the *i* key.
4. Enter the number you want to send and press the *i* key.

   The tones are sent.

Searching for a number in phonebook

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

1. Press the **Options** soft key or the *i* key.
2. Press the Down key to highlight the **Phonebook** option.
3. Press the **OK** soft key or the *i* 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 entry that most closely matches your input.
5. To view the highlighted entry, press the **View** soft key or the *i* key.

For further details about the Phonebook feature, see page 34.

Call waiting

You can answer an incoming call while you have a call in progress, if your network supports this service and you have set the **Call waiting** menu (**Menu 3.3**) to **Activate**; see page 92. You are notified of an incoming call by a call waiting tone.

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

1. Press the key to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Swap** soft key.
3. To end the call on hold, press the **Options** soft key or the *i* key and select the **End held call** option.

   To end the current call, press the key.

Making a multi-party call

A multi-party call is a network service that allows up to six people to take part simultaneously in a multi-party or conference call. For further details about subscribing to this service, contact your service provider.

Setting up a multi-party call

1. Call the first participant in the normal way.
2. Call the second participant in the normal way. The first call is automatically put on hold.

3. To join the first participant to the multi-party call, press the **Options** soft key or the key and select the **Join** option. Press the **OK** soft key or the key.

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

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

Having a private conversation with one participant

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

   The list of call participants appears.

2. Highlight a person from the list by pressing the Up or Down key and press the key.

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

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

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

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

Dropping one participant

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

   The list of call participants appears.

2. Highlight a person from the list by pressing the Up or Down key and press the key.

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

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

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

Using the menus

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

The menus and sub-menus can be accessed by scrolling using 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 using the Navigation keys to reach a main menu, **Phone settings** for example. Press the *i* key to enter the menu.

   Note: When you select a main menu, the left soft key allows you to quickly access one of its sub-menus.

3. If the menu contains sub-menus, **Language** for example, you can access them by scrolling using the Up or Down key and pressing the **Select** soft key or the *i* key.

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

4.

To	**Press the**
scroll through the menus	Up or Down key, or use the Volume keys.
confirm the chosen setting	**Select** soft key or the *i* key.

4.

To	Press the
return to the previous menu level	soft key or the **C** key.
exit the menu without changing the settings	key.

Using shortcuts

Menu items, such as menus, sub-menus and options, can be accessed quickly by using their shortcut numbers. For the main menus, you can access any of them by pressing the number keys (**1** to **9**), corresponding to their location on the screen.

Simply press the **Menu** soft key and enter the number of the menu you want.

Note: The numbers assigned to each menu are indicated on the list on page 78.

Example: Accessing the **Language** menu.

1. Press the **Menu** soft key.
2. Press the **9** key for **Phone settings**.
3. Press the **5** key for **Language**.

   The available languages display.

List of menu functions

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

1. SIM AT* (see page 80)

2. Call records (see page 83)

- 2.1 Missed calls
- 2.2 Received calls
- 2.3 Dialled calls
- 2.4 Delete all
- 2.5 Call time
  - 2.5.1 Last call time
  - 2.5.2 Total sent
  - 2.5.3 Total received
  - 2.5.4 Reset timers
- 2.6 Call costs**
  - 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

* May be available only if you use a SIM AT card.
** Shows only if supported by your SIM card.

3. Network services (see page 88)

- 3.1 Call diverting
  - 3.1.1 Divert always
  - 3.1.2 Busy
  - 3.1.3 No reply
  - 3.1.4 Unreachable
  - 3.1.5 Cancel all
- 3.2 Call barring
  - 3.2.1 All outgoing
  - 3.2.2 International
  - 3.2.3 International except to home
  - 3.2.4 All incoming
  - 3.2.5 Incoming while abroad
  - 3.2.6 Cancel all
  - 3.2.7 Change barring password
- 3.3 Call waiting
- 3.4 Network selection
  - 3.4.1 Automatic
  - 3.4.2 Manual
- 3.5 Caller ID
  - 3.5.1 Default
  - 3.5.2 Hide number
  - 3.5.3 Send number
- 3.6 Closed user group
  - 3.6.1 Index list
  - 3.6.2 Outside access
  - 3.6.3 Default group
  - 3.6.4 Deactivate*

* Shows only if the Closed user group feature is active.

4. Sound settings (see page 96)

- 4.1 Ring tone
- 4.2 Ring volume
- 4.3 Alert type
- 4.4 Keypad tone
- 4.5 Message tone
  - 4.5.1 SMS tone
  - 4.5.2 SMS-CB tone
  - 4.5.3 MMS tone
  - 4.5.4 Repetition
- 4.6 Slider tone
- 4.7 Power on/off
- 4.8 Ontime alarm
- 4.9 Alert on call
- 4.0 Extra tones

5. Messages (see page 102)

- 5.1 Text messages
  - 5.1.1 Create
  - 5.1.2 Inbox
  - 5.1.3 Outbox
  - 5.1.4 Templates
  - 5.1.5 Settings
- 5.2 Multimedia messages
  - 5.2.1 Create
  - 5.2.2 Inbox
  - 5.2.3 Outbox
  - 5.2.4 Draft
  - 5.2.5 Templates
  - 5.2.6 Settings
  - 5.2.7 MMS profile
- 5.3 Push messages
  - 5.3.1 Inbox
  - 5.3.2 Receive
  - 5.3.3 Delete all
- 5.4 Delete all
  - 5.4.1 Text messages
  - 5.4.2 Multimedia messages

5. Messages (continued)

- 5.5 Voice mail
  - 5.5.1 Connect to voice server
  - 5.5.2 Voice server number
- 5.6 Broadcast messages
  - 5.6.1 Read
  - 5.6.2 Receive
  - 5.6.3 Channel list
  - 5.6.4 Language
- 5.7 Memory status
  - 5.7.1 Text messages
  - 5.7.2 Multimedia messages

6. Funbox (see page 127)

- 6.1 WAP browser
  - 6.1.1 Home
  - 6.1.2 Bookmarks
  - 6.1.3 http://
  - 6.1.4 WAP profile
  - 6.1.5 Clear cache
- 6.2 Fun club
  - 6.2.1 SFC home
  - 6.2.2 Service area
- 6.3 Games & More
- 6.4 Sounds
- 6.5 Images
- 6.6 Delete all
- 6.7 Memory status
  - 6.7.1 Games
  - 6.7.2 Sounds & Images

7. Organiser (see page 139)

- 7.1 Alarm
  - 7.1.1 Once
  - 7.1.2 Daily
  - 7.1.3 Morning call
  - 7.1.4 Remove alarm
  - 7.1.5 Autopower
- 7.2 Calendar
- 7.3 Time & Date
  - 7.3.1 Set time
  - 7.3.2 Set date
  - 7.3.3 World time
  - 7.3.4 Time format
  - 7.3.5 Date format
- 7.4 Calculator
- 7.5 To do list
- 7.6 Voice memo
  - 7.6.1 Record voice
  - 7.6.2 Voice list
  - 7.6.3 Delete all
  - 7.6.4 Memory status
- 7.7 Currency exchange

8. Camera (see page 150)

- 8.1 Take photos
- 8.2 My photos
- 8.3 Video
  - 8.3.1 Record
  - 8.3.2 Video clips
- 8.4 Memory status

9. Phone settings (see page 158)

- 9.1 Activate infrared
- 9.2 Display settings
  - 9.2.1 Wallpaper
  - 9.2.2 Menu style
  - 9.2.3 Back light
  - 9.2.4 Service light
  - 9.2.5 Graphic logo
- 9.3 Greeting message
- 9.4 Own number
- 9.5 Language
- 9.6 Security
  - 9.6.1 PIN check
  - 9.6.2 Change PIN
  - 9.6.3 Phone lock
  - 9.6.4 Change password
  - 9.6.5 Privacy
  - 9.6.6 SIM lock
  - 9.6.7 FDN mode*
  - 9.6.8 Change PIN2*
- 9.7 Extra settings
- 9.8 Reset settings

* Shows only if supported by your SIM card.

SIM AT

This menu is available if you use a SIM AT card that provides additional services, such as news, weather, sports, entertainment, and location services. Available services may vary, depending on your service provider's plans.

For further details, see your SIM card instructions or contact your service provider.

Call records

In this menu, you can view the:

- calls you have missed, received, or dialled.
- length of your calls.
- cost of your calls.*

Notes:
- You can access the numbers in the 3 types of call records by pressing the key in Idle mode.
- The number of call records the phone can store may vary, depending on your SIM card.

Missed calls *(Menu 2.1)*

This menu lets you view the 20 most recent calls you have received, but did not answer.

The number or name, if available, displays together with the time and date the call was received.

To dial the number, press the key.

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

Edit: allows you to edit the number, if available, and dial it or save it in Phonebook.

Delete: deletes the call from the list.

* Shows only if supported by your SIM card.

Received calls *(Menu 2.2)*

This menu lets you view the 20 most recent calls you have received.

The number or name, if available, displays together with the time and date the call was received.

To dial the number, press the key.

By pressing the **Options** soft key or the *i* key, you can access the following options:

Edit: allows you to edit the number, if available, and dial it or save it in Phonebook.

Delete: deletes the call from the list.

Dialled calls *(Menu 2.3)*

This menu lets you view the 20 most recent calls you dialled.

The number or name, if available, displays together with the time and date the call was made.

To dial the number, press the key.

By pressing the **Options** soft key or the *i* key, you can access the following options:

Edit: allows you to edit the number, if available, and dial it or save it in Phonebook.

Delete: deletes the call from the list.

Delete all *(Menu 2.4)*

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

1.

To	Press the
select a call record to clear	Up or Down key. To delete all of your call records, select **All calls**.
place or remove a check mark	key.

2. Press the **Delete** soft key to delete the marked records.

3. When a confirmation message displays, press the **Yes** soft key or the key to confirm.

4. When the phone asks for confirmation again, press the **Yes** soft key or the key.

Call time *(Menu 2.5)*

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

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

The following timers are available:

Last call time: shows the length of the last call.

Total sent: shows the total length of all calls you have made since the timer was last reset.

Total received: shows the total length of all calls you have received since the timer was last reset.

Reset timers: allows you to reset the call timers. You must first enter the phone password and then press the **OK** soft key or the *i* key.

Note: The password is preset to "00000000." To change this password, see page 163.

Call costs *(Menu 2.6)*

This network feature lets you view the cost of calls. This menu may not be available depending on your SIM card.

The following options are available:

Last call cost: shows the cost of the last call you made.

Total cost: shows the total cost of all calls you have 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: shows the maximum cost set in the **Set max cost** option.

Reset counters: allows you to reset the cost counter. You must first enter your PIN2 (see page 175) and then press the **OK** soft key or the *i* key.

Set max cost: allows you to enter the maximum cost that you authorise for your calls. You must first enter your PIN2 (see page 175) and then press the **OK** soft key or the *i* key.

Price/Unit: allows you to set the cost of one unit; this price per unit is applied when calculating the cost of your calls. You must first enter your PIN2 (see page 175) and then press the **OK** soft key or the *i* key.

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 diverting *(Menu 3.1)*

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

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

To set your call diverting options:

1. Select a call diverting option by pressing the Up or Down key, and then press the **Select** soft key or the *i* key.

   The following options are available:

   - **Divert always**: all calls are diverted.
   - **Busy**: calls are diverted when you are already on another call.
   - **No reply**: calls are diverted when you do not answer the phone.
   - **Unreachable**: calls are diverted when you are not in an area covered by your service provider or when your phone is switched off.
   - **Cancel all**: all call diverting options are cancelled.

2. Select the type of calls, voice or data, by pressing the Up or Down key, and then press the **Select** soft key or the *i* key.

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

3.

To	Press the
activate call diverting	**Activate** soft key or the *i* key. Go to step 4.
change the number to be called	*i* key. Go to step 4.
deactivate call diverting	**Remove** soft key.

4. Enter the number to which the calls are to be diverted and press the **OK** soft key or the *i* key.

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

5. If you selected **No reply** in step 1, select the length of time the network waits before diverting a call and press the **Select** soft key or the *i* key.

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

Call barring *(Menu 3.2)*

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

To set your call barring options:

1. Select a call barring option by pressing the Up or Down key, and then press the **Select** soft key or the *i* key.

   The following options are available:

   - **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.
   - **Change barring password**: you can set and change the call barring password obtained from your service provider.

2. Select the type of calls, voice or data, by pressing the Up or Down key, and then press the **Select** soft key or the *i* 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 calls 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.

Call waiting *(Menu 3.3)*

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and/or data calls:

To set your call waiting options:

1. Select the type of calls, voice or data, to which you want to apply the call waiting option by pressing the Up or Down key, and then press the **Select** soft key or the *i* 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 3.4)*

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 there is a valid roaming agreement between the two.

To automatically or manually select the network to be used when roaming:

1. Press the Up or Down key until the appropriate option highlights and then press the **OK** soft key or the *i* key.

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

   If you select **Manual**, go to step 2.

2. Press the Up or Down key until the network you want highlights and then press the **OK** soft key or the *i* key. The phone will scan for that network and you will be connected.

Caller ID *(Menu 3.5)*

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 *(Menu 3.6)*

This network service allows incoming and outgoing calls to be restricted to a selected user group. You can create up to 10 user groups.

For details about how to create and use a closed user group, contact your service provider.

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

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

Index list: lets you list, add, or delete CUG index numbers.

If there is no CUG index stored, you are prompted to add a new index when you select this option. Once you have added a CUG index, the list of current CUG indexes appears.

Add a new CUG index as advised by your service provider, or delete a group.

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

Outside access: lets you enable or disable calls to numbers other than those in the Closed user group. This feature depends on the nature of your CUG subscription. Please check with your service provider.

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

Deactivate: deactivates the CUG function. This menu appears only when the default group is enabled or a CUG index is selected.

Sound settings

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

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

Note: When the phone is in Silent mode (see page 30), you cannot change the sound settings.

Ring tone *(Menu 4.1)*

This menu allows you to select a ring melody.

You can choose between many different melodies. If you have downloaded sounds from the Internet or the optional EasyGPRS programme, you can use them in this menu.

Ring volume *(Menu 4.2)*

This menu allows you to adjust the ring volume to one of 5 levels.

Use the Up and Down keys or the Volume keys on the left side of the phone to increase or decrease the volume.

Alert type *(Menu 4.3)*

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

The following options are available:

Light only: the service light flashes; the phone neither rings nor vibrates.

Melody: the phone rings using the selected ring tone.

Vibration: the phone vibrates but does not ring.

Vibra+melody: the phone first vibrates 3 times and then starts ringing.

Keypad tone *(Menu 4.4)*

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

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

Message tone *(Menu 4.5)*

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

SMS tone *(Menu 4.5.1)*

The following options are available for alerting you to new SMS messages:

Off: the phone does not use an SMS tone.

Light only: the service light flashes.

Vibration: the phone vibrates.

Single beep: the phone beeps once.

SMS tone x: the phone uses one of several SMS tones.

SMS-CB tone *(Menu 4.5.2)*

The following options are available for alerting you to new cell broadcast (CB) messages:

Off: the phone does not use a CB tone.

Light only: the service light flashes.

Vibration: the phone vibrates.

Single beep: the phone beeps once.

SMS-CB tone x: the phone uses one of several CB tones.

MMS tone *(Menu 4.5.3)*

The following options are available for alerting you to new MMS messages:

Off: the phone does not use an MMS tone.

Light only: the service light flashes.

Vibration: the phone vibrates.

Single beep: the phone beeps once.

MMS tone x: the phone uses one of several MMS tones.

Repetition *(Menu 4.5.4)*

This menu allows you to specify how often the phone informs you of a new message. The following options are available:

Once: the phone alerts you to a new message juat once at the time of receipt.

Periodic: the phone alerts you to a new message every 2 minutes until you open the message.

Slider tone *(Menu 4.6)*

This menu allows you to select the tone that the phone sounds when you open or close the phone.

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

Power on/off *(Menu 4.7)*

This menu allows you to select the melody that the phone sounds when it is switched on or off.

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

Ontime alarm *(Menu 4.8)*

This menu allows you to set your phone to sound an alert every hour on hour.

1. Select an alert type, **Voice** or **Cuckoo**, using the Up or Down key and press the **OK** soft key or the *i* key.

   If you don't want to use the hour alert, select **Off**.

2. Enter the period of time using the numeric keys and press the **OK** soft key or the *i* key.

Alert on call *(Menu 4.9)*

This menu allows you to choose whether or not the phone informs you when you receive a new message or when the time for an alarm comes during a call.

The following options are available:

Off: the phone doesn't actively alert you to incoming messages or alarms. It only displays the corresponding notification.

On: the phone alerts you with a beep and displays the corresponding notification.

Extra tones *(Menu 4.0)*

You can customise additional tones for the phone.

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

The following options are available:

Error tone: sets whether or not the phone informs you when you make a mistake.

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

Connect tone: sets whether or not the phone beeps when your call is connected to the system.

Messages

Using the **Messages** menu, you can use various message features, such as:

- short text messages
- multimedia messages
- WAP push messages
- voice mail
- cell broadcast messages

Text messages *(Menu 5.1)*

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

When the Text Message icon ( ) appears, you have received new text messages. If 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 the obsolete ones.

Create *(Menu 5.1.1)*

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

Creating a simple text message

1. Create your message.

   Note: For further details about entering characters, see page 49.

2. When you finish entering the message, press the **Options** soft key or the i key. The following options are available:

   - **Send only**: allows you to send the message. The message is deleted after sending.
   - **Save and send**: allows you to save a copy of the message and then send the message. You can read the message in your Outbox.
   - **Save only**: allows you to save the message so that it can be sent later. You can read the message in your Outbox.
   - For further details about **Add content**, **Add templates**, **Add from phonebook**, and **Add from bookmarks**, see page 104.

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

   If you want to just save the message, select **Save only**. After saving the message, the phone returns to the Text messages menu screen.

4. If you select a save option, choose the memory location by pressing the Up or Down key and press the **OK** soft key or the i key.

5. Enter a destination number and press the **OK** soft key or the *i* key.

   The message is sent.

Note: If the phone fails to send the message, it will ask you if you want to retry. Press the **Yes** soft key or the *i* key to confirm. Otherwise, press the **No** soft key to return to the Create screen.

Creating a text message using options

1. Create a message.
2. Press the **Options** soft key or the *i* key.
3. Select one of the following options by using the Up and Down keys and pressing the **Select** soft key or the *i* key:

   - **Add content**: allows you to add a sound, melody, picture, or animated image to the message. Select the category of the object to be added. In each category, you can select from the various factory-set items or choose an item received from other sources, such as the Internet or other phones.

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

   - **Add templates**: allows you to apply one of the preset message templates to the text. Select one of 5 items stored in the **Templates** menu (**Menu 5.1.4**). For further details, see page 108.
   - **Add from phonebook**: allows you to add a Phonebook entry to your message. Select one from the list.

- **Add from bookmarks**: allows you to add a web page's address stored in your Bookmarks list. Select one from the list.

4. Complete the message, and send or save it by following the procedure from step 2 on page 103.

Creating a long text message

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

Inbox *(Menu 5.1.2)*

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

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

1. Select a message from the list and press the **View** soft key or the *i* key to read the message contents.

2. Press the Up or Down key to scroll through the contents.

3. Press the * or # key to scroll to the previous or next message.

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

Delete: allows you to delete the message.

Send: allows you to forward the message. For further details about how to send a message, see page 103.

Text reply: allows you to send a reply to the sender by sending a text message.

Call back: allows you to call the sender.

Save address: allows you to extract the sender's number and URL, e-mail addresses, or phone numbers from the message text.

Move to phone: allows you to move the message from the SIM card to the phone's memory. This option is only available when you select a message stored in the SIM card.

Move to SIM: allows you to move the message from the phone's memory to the SIM card. This option is only available when you select a message stored in the phone's memory.

Select content: allows you to save media objects, such as sounds or images, from the message into your phone. You can use the objects when writing a message. For details, see page 104.

Outbox *(Menu 5.1.3)*

This message box is used to store 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 or the *i* key to read the message contents.

2. Press the Up or Down key to scroll through the contents.

3. Press the * or # key to scroll to the previous or next message.

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

Delete: allows you to delete the message.

Send: allows you to send/resend the message. For further details, see page 103.

Save address: allows you to extract the destination number and URL, e-mail addresses or phone numbers from the message text.

Move to phone: allows you to move the message from the SIM card to the phone's memory. This option is only available when you select a message stored in the SIM card.

Move to SIM: allows you to move the message from the phone's memory to the SIM card. This option is only available when you select a message stored in the phone's memory.

Select content: allows you to save media objects, such as sounds or images, from the message into your phone. You can use the objects when writing a message. For details, see page 104.

Templates *(Menu 5.1.4)*

Using this menu, you can preset a maximum of 5 messages that you use most frequently.

Select an empty location or the message template you want and press the **Options** soft key or the *i* key.

The following options are available:

Edit: allows you to write a new message template or edit an existing message template.

Note: For further details about how to enter characters, see page 49.

Send: allows you to retrieve the message template. Once you have completed the message, you can send, save and send, or simply save it. For further details about how to send a message, see page 103.

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

Settings *(Menu 5.1.5)*

In this menu, you can set up default message 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.

Notes:
- The setting options available in this menu may vary, depending on your service provider.
- The last setting you accessed is automatically activated for sending subsequent messages.

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

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

Service centre: allows you to store or change the number of your message centre, which is required when sending messages. You must obtain this number from your service provider.

Default destination: allows you to store a 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 to **Text**, **Fax**, **E-mail**, or **Paging**. The network can convert the messages into the selected format.

Validity period: allows you to set the length of time your text messages are stored in the message centre while attempts are made to deliver them.

Common settings: The following options are available:

Reply path: allows the recipient of your message to send you a reply through your message centre, if your network supports 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 either **GSM** or **GPRS prefered**, depending on your network.

Multimedia messages *(Menu 5.2)*

Multimedia Message Service (MMS) is a service providing delivery of personal multimedia messages from phone to phone or from phone to e-mail. In addition to the familiar text content, multimedia messages can contain images, video clips, audio clips, and combinations of these things. Images could include downloads and photos you have taken, while audio clips could be downloaded or recorded sounds, or voice memos. Using MMS, your phone can send and receive these multimedia messages.

This function is available only if it is supported by your service provider. Only phones that offer multimedia messaging features can receive and display multimedia messages.

Notes:

- When you buy media content from the Internet, this content is delivered to you in MMS messages. You can retrieve the messages from the server and then save the items in your phone's memory. You cannot forward these messages to other people or add the saved items to an MMS message.
- While the phone is sending or retrieving MMS messages, you cannot access the VoiceSignal feature.

Create *(Menu 5.2.1)*

This menu allows you to create a new multimedia message and then send it to one or multiple destinations.

Creating and sending a multimedia message

1. Enter the subject of your message and press the **Next** soft key or the *i* key.

   For further details about entering characters, see page 49.

2. When **Add here** highlights, press the **Options** soft key or the *i* key and add the message contents using one of the following options:

   - **Add text**: enter the message text and press the **OK** soft key or the *i* key.
   - **Add photo**: allows you to add a photo you took using the camera on your phone. Select **Take photo** to take a new photo, or **Select photo** to add one of the photos stored in the phone's memory. For further details about using the camera, see page 150.
   - **Add picture**: allows you to add a picture stored in the **Images** folder (**Menu 6.5**). Choose a picture and press the **Select** soft key or the *i* key. You may not be able to add some downloaded images if they are not in the correct format.
   - **Add sound**: allows you to add a sound file. You can record a new voice memo or select one of voice memos and downloaded sounds. For further details about recording voice memos, see page 147. You may not be able to add some downloaded sounds if they are in the correct format.

- **Send**: allows you to send the message. Use this option when you have finished creating the message.
- **Save**: saves the message in the **Draft** (**Menu 5.2.4**) or **Templates** (**Menu 5.2.5**) box for later use.
- **Settings**: allows you to change the message settings. For further details about each setting option, see page 120. After changing the settings, you need to press the soft key or the **C** key to go to back to the options screen.
- **Add destination**: allows you to enter destination addresses. See steps 6 to 11 on page 113.
- **Preview**: shows your message.

Note: You can add text, an image, and a sound once for each page.

3. Repeat step 2 until you have finished creating your message.
4. If you want to change the added items, press the Up or Down key to highlight one and press the **Options** soft key or the *i* key to display the Options list.

   Note: Available options are different, depending on whether the item you select on the message screen is text, an image, a sound, or the Page field.

   The following options are available:

   - **Edit text**/**picture**/**sound**: allows you to change the text or replace the image or sound with another one.

- **Add page**: allows you to add up to 5 pages. After adding pages, you can move to each page using the Left or Right key on the message screen. The display shows you the current page number and memory space used for the page.
- **Delete**: deletes the item from your message.
- **Duration**: allows you to set when and how long text, an image or a sound displays on the message presentation screen. If the duration you set is shorter than the content duration (for example, the length of a sound clip) for a particular page, the content duration is automatically decreased.
- **Send**: allows you to send the message.
- **Save**: saves the message in the **Draft** (**Menu 5.2.4**) or **Templates** (**Menu 5.2.5**) box for later use.
- **Settings**: allows you to change the message settings. For further details about each setting option, see page 120.
- **Add destination**: allows you to enter destination addresses. See steps 6 to 11 on page 113.
- **Preview**: shows your message.

5. When you are finished creating the message, choose **Send** and press the **Select** soft key or the **i** key.

6. Select a destination type (**To**, **Cc**, or **Bcc**) and press the **Select** soft key or the **i** key.

7. Choose one of the following options and press the **Select** soft key or the i key:

   - **Phone number**: allows you to enter the phone number you want.
   - **E-mail**: allows you to enter the e-mail address of the recipient.
   - **Phonebook**: allows you to retrieve a number from your Phonebook.

8. Enter a number or an e-mail address, or select a number from Phonebook.

9. When the correct number or address displays, press the **OK** soft key or the i key.

10. To add a destination, press the **Select** soft key or the i key when **Add destination** highlights. Repeat from step 7.

    If you want to edit the destinations, select one and press the **Options** soft key or the i key. You can change or delete it.

11. To enter additional numbers or addresses to the other destination types, press the soft key or the **C** key and repeat steps 6 through 10.

    You can enter up to 10 destinations each for **To**, **Cc**, and **Bcc**.

12. When you have finished entering the destinations, select **Send message** and press the **Select** soft key or the i key.

    Your phone sends the message.

Inbox *(Menu 5.2.2)*

Viewing a message when you receive it

When a new multimedia message comes in, the display shows the MMS Message icon ( ) and a text notification along with the sender's number.

1. Press the **View** soft key or the key to view brief information about the message, such as the sender's number, the message size and the subject.

   If you want to view the message later in the Inbox, press the soft key or the **C** key.

2. Press the Up or Down key to scroll through the message information.

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

   - **Retrieve**: retrieves the message from the MMS server.
   - **Delete**: deletes the message.
   - **More properties**: shows you detailed information about the message.

3. Press the **Select** soft key the key to read the message.

   Your phone retrieves the message contents from the server and displays it.

4. Press the Up or Down key to scroll through the message.

5. When you are finished, press the key.

Viewing a message from the inbox

When you access the **Inbox** menu (**Menu 5.2.2**), the list of multimedia messages you have received displays along with the message subjects. The icons on the left tell you the status of the messages:

- : MMS notifications that have been opened.
- : MMS notifications that have not been opened.
- : You have sent an enquiry to the MMS server requesting the message be sent to your phone.
- : The MMS server is processing your request.
- : The MMS server is unable to send the message to your phone.
- : Massages that have been opened.
- : Massages that have not been opened.

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

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

2. Press the **OK** soft key or the *i* key to go to the message view screen.

   Or, the display automatically switches to the screen after a few seconds.

3. Press the Up or Down key to scroll through the message.

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

4. Press the * or # key to scroll to the previous or the next message.

While viewing a message, you can access the Message options by pressing the **Options** soft key or the *i* key.

If you are viewing a new message, the options are the same as when you view a message at the time of its receipt. See page 115.

When you are reviewing a message retrieved from the MMS server, the following options are available:

Delete: allows you to delete the message.

Reply: allows you to reply to the sender by sending a text or multimedia message.

Callback: allows you to call the sender.

Save address: allows you to extract the sender's number or e-mail address and URL, e-mail addresses or phone numbers from the message text.

Forward: allows you to forward the message to another person. When the message contains media contents you have bought on the Internet, forwarding is not available.

Save picture: allows you to save an image from the message into your phone. Pictures are stored in the **Images** folder (**Menu 6.5**).

Save sound: allows you to save a sound from the message into the **Sounds** folder (**Menu 6.4**).

Properties: shows you information about the message, such as the message status, subject, sender's e-mail address or phone number, message size, priority, and the time and date the message was received.

Outbox *(Menu 5.2.3)*

When you access this menu, the list of the multimedia messages you've sent or saved displays. The icons on the left tell you the status of the messages.

- : Messages currently being sent
- : Messages sent
- : Messages your phone couldn't send
- : Messages to be sent

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

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

2. Press the **OK** soft key or the *i* key to go to the message view screen.

   Or, the display automatically switches to the screen after a specified time.

3. Press the Up or Down key to scroll through the message.

   If the message has more than one page, you can scroll through the pages by using the Left or Right key.

4. Press the * or # key to scroll to the previous or the next message.

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

Delete: allows you to delete the message.

Save address: allows you to extract the destination numbers or e-mail addresses and URL, e-mail addresses or phone numbers from the message text.

Send: allows you to send/resend the message.

Edit: allows you to change the message contents, sound, picture, or text.

Properties: shows you information about the message, such as the message status, subject, sender and recipients' e-mail addresses or phone numbers, message size, priority, and the time and date the message was sent.

Draft *(Menu 5.2.4)*

After creating a multimedia message, you can store it in this message box for later sending.

For further details about viewing a message, see "Outbox" on page 118.

Templates *(Menu 5.2.5)*

This menu stores messages you saved as templates so that you can use them to make new messages.

1. Scroll through the template list using the Up or Down key.
2. When the message template you want highlights, press the **View** soft key or the *i* key.
3. Press the **OK** soft key or the *i* key to access the following options, or the display automatically shows the options after a specified time:
   - **Edit**: allows you to change and send a message using the template. For further details about how to send a message, see page 111.
   - **Delete**: allows you to delete the message template. You are asked to confirm the deletion by pressing the **Yes** soft key or the *i* key.
4. Press the key to return to Idle mode.

Settings *(Menu 5.2.6)*

You can change the default settings for sending or receiving multimedia messages.

The following options are available:

Delivery report: when this option is enabled, the network informs you whether or not your message has been delivered.

Read reply: when this option is enabled, your phone sends a request for a reply along with your message to the recipient.

Auto download: you can set whether or not your phone retrieves new incoming messages from the MMS server without notifications.

Off: you need to manually download new messages by using the **Retrieve** option.

On: the phone automatically retrieves new messages from the server. As soon as you receive a message, you can use more options while reading it. See page 117 for details about the options.

Off when roaming: the phone automatically downloads new messages unless you are roaming on another network or in another country.

Message acceptance: you can specify the category of messages you want to receive.

Hide ID: when this option is enabled, your phone number does not display on the recipient's phone.

Validity period: you can select the length of time your messages are stored at the message centre after they are sent.

Delivery time: you can set a time delay before the phone sends your messages.

Priority: you can select the priority level of your messages.

Report allowed: when this option is enabled, the sender of an incoming message receives a delivery report from the network.

Page duration: you can set how long one page of the outgoing message displays on the message presentation screen. After a specified time, the display automatically scrolls to the next page.

MMS profile *(Menu 5.2.7)*

In this menu, you can configure various network settings that are required when you send or receive multimedia messages.

Notes:
- The last profile you accessed is automatically activated for sending subsequent messages.
- If you change the MMS settings without first checking with your service provider, the MMS feature may not work properly.

The following options are available for each profile:

Profile name: enter a name that you wish to assign to the MMS server.

Connection URL: enter the address of your MMS server.

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

IP address: enter the gateway address required to connect to the MMS server.

User name: enter the user ID required to connect to the MMS server.

Password: enter the password required to connect to the MMS server.

APN: enter the access point name used for the address of the MMS server.

For further details, contact your service provider.

Push messages *(Menu 5.3)*

In this menu, you can receive and access web messages from the server.

The following options are available:

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

Receive: allows you to set whether or not your phone receives web messages. Select **Always** to receive web messages or **Never** to reject web messages.

Delete all: allows you to delete all of the web messages.

Delete all *(Menu 5.4)*

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

1. Select a message type and press the **Select** soft key or the *i* key.

2.

To	Press the
select a message box to clear	Up or Down key. To delete all of your messages, select **All messages**.
place or remove a check mark	*i* key.

3. Press the **Delete** soft key to delete the marked messages.

4. When a confirmation message displays, press the **Yes** soft key or the *i* key to confirm.

5. When the phone asks for confirmation again, press the **Yes** soft key or the *i* key.

Voice mail *(Menu 5.5)*

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

The following options are available:

Connect to voice server: before using the Voice mail feature, you must enter the voice server number obtained from your service provider. You can then select this option and press the **OK** soft key or the *i* key to listen to your messages.

You can quickly connect to the voice server by pressing and holding the **1** key in Idle mode.

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

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

Broadcast messages *(Menu 5.6)*

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

- 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 received message.

The **Volatile** box displays the messages from the network, but loses its contents as soon as the phone is switched off. Scroll through the message by using the Up and Down keys.

You can save a CB message in the **Archive** box for later retrieval. When a text notification appears, press the **Options** soft key or the *i* key and select **Save**.

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

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

Delete: use to remove a channel from the list.

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

Language: allows you to select your preferred language in which to display cell broadcast messages.

Please contact your service provider for further details.

Memory status *(Menu 5.7)*

You can check the amount of memory being used and the amount remaining for messages. The following options are available.

Text messages: shows the number of messages currently stored and the total number of messages you can store in the SIM, Phone, and CB memories.

Multimedia messages: shows the total space, including free and used space, and how much space is currently occupied by each message box. You can also view the number of messages you have stored and the total number of messages you can store. Press the Up or Down key to scroll through the screen.

Funbox

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

WAP browser *(Menu 6.1)*

Your phone is equipped with a WAP (Wireless Application Protocol) browser to allow you to access and navigate the Wireless Web using your phone.

Home *(Menu 6.1.1)*

Selecting this menu connects the phone to the network and loads the homepage of the Wireless Web service provider. You can also press the *i* key to launch the browser.

The contents of the WAP Browser startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the Up or Down key.

Note: To go to the startup homepage from any other screen in the WAP browser, use the **Home** option. For further details about the WAP browser menus, see page 129.

Exiting the WAP browser

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

Navigating the WAP browser

To	Press the
scroll through browser items	Up or Down key.
select a browser item	*i* key, or press the **Options** soft key and then choose the **Select** option.
return to the previous page	**C** key, or press the **Options** soft key and then select the **Back** option.
return to the startup homepage	**Menu** soft key and select the **Home** option. For further details about this option, see page 129.

Entering text in the WAP browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen.

To change the text input mode, press the *i* key one or more times.

The following modes are available:

Upper-case character mode (**A**): allows you to enter upper-case English characters.

Lower-case character mode (**a**): allows you to enter lower-case English characters.

T9 mode (**T9**): allows you to enter English characters by pressing one key per letter. In this mode, you can use only the **0** key to display alternative words. To change case, press the * key.

Number mode (**1**): allows you to enter numbers.

Selecting and using browser 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 the **Options** soft key.

   A menu list displays.

2. Highlight a menu by pressing the Up or Down key.

3. Select an option by pressing the **Select** soft key or the *i* key.

4. If necessary, select a secondary option using the Up or Down key, and press the **Select** soft key or the *i* key to confirm.

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

The following options are available:

Bookmarks: shows the bookmarks list. You can bookmark the current web page or access previously bookmarked pages.

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 a Web page. After entering an address, press the **OK** soft key to go there directly.

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

Clear cache: deletes the information stored in the cache. These cache stores the most recently accessed Web pages.

Security info: shows security information when you access the Wireless Web with the secured WAP setting activated.

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

Show image: shows the image on the current web page in order. Press the **Next** soft key or the *i* key to view the next images.

Bookmarks *(Menu 6.1.2)*

This menu allows you to store up to 16 URL addresses.

To store your favourite web site:

1. Select an empty location and press the **Select** soft key or the *i* key.
2. Enter the address and press the **Enter** soft key or the *i* key.

   For further details about how to enter characters, see page 49.
3. Enter a name for the item and press the **OK** soft key or the *i* key.

After saving an item, you can access the following options by pressing the **Select** soft key or the *i* key:

Go to URL: quickly takes you to the site.

Edit: allows you to edit the address.

Delete: allows you to delete the address.

http:// *(Menu 6.1.3)*

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

For further details about how to enter characters, see page 49.

WAP profile *(Menu 6.1.4)*

This menu allows you to set up 6 proxy servers for the WAP browser. Contact your service provider for details about your WAP profile options.

For each server, the following options are available:

Profile name: enter a name that you wish to assign to the HTTP server.

Homepage URL: set 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: select a data transmission mode. Choose **Secure** to protect your data against unauthorised access; otherwise, choose **Non-secure**.

Bearer: select a 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 **GPRS**:

IP address: enter the WAP gateway address required to connect to the Internet.

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.

When the bearer is set to **Data**:

IP address: enter the WAP gateway address required to connect to the Internet.

Login name: enter the PPP server login ID.

Password: enter the PPP server password.

Dial-up number: enter the PPP server phone number.

Data call type: select a data call type; **Analogue** or **ISDN**.

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

Clear cache *(Menu 6.1.5)*

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

Press the **Yes** soft key or the *i* key to confirm the deletion. Otherwise, press the **No** soft key.

Fun club *(Menu 6.2)*

You can access Samsung Fun Club (SFC) on the Wireless Web and download a variety of a media items, such as melodies and images.

Note: You can quickly access Samsung Fun Club by pressing the *i* key in Idle mode and then selecting **Fun club**.

Samsung Fun Club is the preset web site providing Samsung phone users with attractive download services.

You can download:

- images and ring tones via SMS.
- 4-level greyscale and colour images from WAP.
- 64-polyphonic melodies from WAP.
- customer services.
- information and electronic catalogues for Samsung Electronics products.

SFC home *(Menu 6.2.1)*

In this menu, you can access the Samsung Fun Club homepage.

Note: Before accessing Samsung Fun Club for the first time, please connect to your service provider's WAP homepage first. Then reconnects to Samsung Fun Club. This service requires WAP subscription and is unavailable depending on your local system and services.

Service area *(Menu 6.2.2)*

Each time you move to HongKong or China, you need to change this setting to use the SFC service, according to the area where you are. You can choose either **China** or **China HK**.

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

Games & More *(Menu 6.3)*

You can download MIDlets (Java applications that run on mobile phones) from various sources using the WAP browser, and store them in your phone.

When you access the **Games & More** menu, the list of the default games appears. Once you have downloaded games, they are added to the list.

Note: Java services may not be available, depending on your service provider.

Launching a MIDlet

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

1. Scroll to the MIDlet you want on the Games list and press the *i* key.

2. On the startup screen of the MIDlet, scroll to an option using the Navigation keys or the **2**, **4**, **6**, and **8** keys.

   The following options are available:

   • **START GAME**: starts a new game.

- **CONTINUE**: allows you to continue the last game you played.
- **HIGH SCORE**: shows the high score table. This option may not be available for some games.
- **HOW TO PLAY**: shows how to play the game and the key functions for the game.
- **OPTION**: allows you to switch on or off the game sound.

3. Press the **5** key or *i* key to confirm your selection.

While you are playing a game, to	**Press the**
adjust the sound volume	Volume keys.
stop the game and return to the startup screen	**C** key.
exit the game	⏻ key.

Viewing MIDlet information

1. Scroll to the MIDlet you want and press the **Info** soft key.

   The display shows information about the MIDlet, such as the file size, application version, and its vendor, and JAVA VM version. You can also view whether or not you can delete the MIDlet.

2. To scroll to other MIDlet information, press the Left or Right key.

3. If you want to delete the MIDlet, press the **Delete** soft key and then press the **Yes** soft key or *i* key to confirm the deletion.

   Note: When you select default games from the list, the **Delete** option is not available.

4. To exit and return to the Games list, press the soft key or the **C** key.

Sounds *(Menu 6.4)*

In this menu, you can view the list of sounds downloaded from a web server or received in multimedia messages. You can set the downloaded sounds as the current ring tone or send them to other phones.

Scroll to the sound you want to listen and press the **Play** soft key or the *i* key.

By pressing the **Options** soft key or the *i* key, you can access the following options:

Rename: allows you to change the name of the sound.

Delete: allows you to delete the sound.

Set as ring tone: sets the sound as your ring tone.

Images *(Menu 6.5)*

In this menu, you can view the list of photos downloaded from a web server or received in messages. You can set the downloaded photos as the current background image or send them to other phones. Once you have set a photo as your wallpaper, it is designated as **My photo** on the list.

Scroll to the photo you want to view and press the **View** soft key or the *i* key.

By pressing the **Options** soft key or the *i* key, you can access the following options:

Rename: allows you to change the name of the image.

Delete: allows you to delete the image.

Set as wallpaper: sets the image as your wallpaper for the idle screen.

Delete all *(Menu 6.6)*

This menu allows you to delete all of the downloaded items in the Games, Sounds, and Images folders separately. You can delete all of the items at one time.

1.

To	Press the
select a folder to clear	Up or Down key. To delete all of your items, select **All**.
place or remove a check mark	*i* key.

2. Press the **Delete** soft key to delete the marked items.
3. When a confirmation message displays, press the **Yes** soft key or the i key.
4. When the phone asks for confirmation again, press the **Yes** soft key or the i key.

Memory status *(Menu 6.7)*

You can check the amount of memory being used and the memory remaining for games or sounds and images. The following options are available.

Games: the display shows the total, free, and used space and the number of games you have downloaded. Press the Up or Down key to scroll through the screen.

Sounds & Images: the display shows the total, free, and used space, including each space used for sounds and images. Press the Up or Down key to scroll through the screen.

Organiser

The Organiser feature enables you to:

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

Alarm *(Menu 7.1)*

This feature allows you to:

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

The following options are available:

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

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

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

To set an alarm:

1. Choose the type of alarm to be set and press the **Select** soft key or the *i* key.

2. Enter the time for the alarm to sound.

   Note: Your phone is preset to a 12-hour format. To change the format, see page 144.

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

   - **Remove alarm**: deactivates the current alarm.
   - **Alarm sound set**: allows you to select the alarm melody.

3. Press the *i* key.

4. If applicable, select **AM** or **PM** and press the **Select** soft key or the *i* key.

5. If you select **Morning call** in step 1, choose the repeat option, **Monday to friday** or **Monday to saturday**, and press the **Select** soft key or the *i* key.

To stop the alarm when it rings, open the phone, if necessary, and press any key.

Remove alarm: deactivates all alarm settings.

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

Calendar *(Menu 7.2)*

With the Calendar feature, you can:

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

Consulting the calendar

When you select the **Calendar** menu, today's date is automatically selected and the date in lunar calendar displays on the bottom. The following options are available when you press the **Options** soft key:

Search all: displays all of the memos, starting with the oldest, regardless of the day. To scroll through the memos, press the Up or Down key.

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

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

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

Writing a memo

You can make up to 100 memos. More than one memo can be made for one day.

To write or edit a memo on a specific date:

1. Select a date on the calendar by 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 i key.

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

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

   Note: For further details about how to enter characters, see page 49.

   You are asked if you wish to set an alarm.

4. If you want an alarm to ring on the chosen day, press the i key.

   Otherwise, press the **Skip** soft key. The memo is saved.

5. If you pressed the i key, enter the time for the alarm and press the i key.

   Note: Your phone is preset to a 12-hour format. To change the format, see page 144.

   You can also select the melody for the alarm by pressing the **Melody** soft key.

6. If applicable, select **AM** or **PM** and press the **Select** soft key or the i key.

The colour of the date on the calendar changes to green to indicate that a memo exists for that date.

Viewing a memo

When you select a day on which more than one memo exists, the latest memo for the day displays.

In that case, press the Up or Down key to scroll to the previous or next memo.

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

New: allows you to write a new memo.

Edit: allows you to change the memo text.

Alarm: allows you to set an alarm to ring at a specified time to remind you of the memo. If you have already set an alarm for that memo, you can change or delete the alarm.

Delete: allows you to delete the memo.

Copy to: allows you to copy the memo to another date.

Move to: allows you to change the date of the memo.

Time & Date *(Menu 7.3)*

This menu allows you to change the current time and date displayed. You can also find out what time it is in another part of the world.

The following options are available:

Set time: allows you to enter the current time. You can choose the time format in the **Time format** menu.

Note: Before setting the time, you must specify your time zone in the **World time** menu.

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

World time: allows you to find out what time it is in another part of the world, using the Left and Right keys.

The screen shows the city name and the current time and date.

To select your time zone:

1. Select the city corresponding to your time zone by pressing the Left or Right key one or more times.

   The local time and date display.

2. Press the *i* key or **Set** soft key.

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

Date format: allows you to change the date format.

Calculator *(Menu 7.4)*

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

1. Enter the first number using the numeric keys.

   Notes:
   - To move the cursor to the left or right, press the * or # key.
   - To include a decimal point or a bracket, press the left soft key until the symbol you want displays.

2. Enter the operation for your calculation by pressing the Navigation keys, according to the illustration on the display.
3. Enter the second number.
4. To view the result, press the **i** key.
5. Repeat steps 1 to 4 as many times as required.

To do list *(Menu 7.5)*

This feature allows you to:

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

Creating the To do list

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

   Note: For further details about how to enter characters, see page 49.

3. Press the **OK** soft key or the **i** key.
4. Select a priority level of high, normal, or low priority using the Up or Down key and press the **Select** soft key or the **i** key.
5. Enter your deadline and press the **OK** soft key or the **i** key.

   If you don't want to set a deadline, press the **Skip** soft key.

Editing the To do list

When you select the **To do list** menu, the current contents display with the status mark, if the task has been done, and priority; for High, for Normal, and for Low.

To view the details for the task, select it form the list. You can scroll to other task by pressing the Up and Down key.

Note: You can change the status of a specific task by pressing the * key. The task is marked as completed as of the current time and date.

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

New: allows you to create a new task.

Mark: allows you to change the status of a task. Select the appropriate status, **Done** or **Undo**.

Edit: allows you to edit a task. You can change the text, priority, and/or deadline for the task.

Sort: allows you to sort the existing tasks by priority or status. Select the sort criterion, **High**, **Low**, **Done**, or **Undo**.

Copy: allows you to copy a task.

Copy to calendar: allows you to copy a task to the calendar as a memo. You can also change the text and deadline for the task and/or set the alarm.

Delete: deletes a task.

Delete all: allows you to delete all tasks.

Exit: exits the To do list menu.

Voice memo *(Menu 7.6)*

You can record voice memos. After recording, you can send a memo to other people via Multimedia Message Service.

Record voice *(Menu 7.6.1)*

This menu allows you to record a new memo. When you select this option, the display shows a 30-second timer.

1. To start recording, press the **Record** soft key or the *i* key.
2. Record a memo by speaking into the microphone.
3. When you press the **Stop** soft key or the *i* key, or if the recording time goes off, the following options display:
   - **Replay**: plays back your memo.
   - **Re-record**: discards the memo and enables you to record another one.
   - **Save**: allows you to save the memo.
   - **Quit**: cancels your recording and exits the **Record voice** menu.
4. To save the memo, choose **Save** and press the **Select** soft key or the *i* key.
5. Press the **C** key to clear the default name, if necessary, and enter a name for the memo.

   For further details about how to enter characters, see page 49.

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

   The memo is saved and then the display shows the memo information.

7. Press the **Options** soft key or the *i* key to access the following memo options:

   - **Send**: allows you to send the memo to other people by using the MMS feature. Follow the procedure on page 111.
   - **Rename**: allows you to change the memo's name.
   - **Delete**: allows you to delete the memo.

8. To exit, press the soft key or the key.

Voice list *(Menu 7.6.2)*

This menu shows a list of saved voice memos. Scroll to a memo and press the **Options** soft key or the *i* key to access the following options:

Play: plays the memo.

Send: allows you to send the memo to other people by using the MMS feature. See page 111 for further details about sending a message.

Rename: allows you to change the memo's name.

Properties: displays information about the memo, such as the name, the date the memo was made, recording duration, and memory size.

Delete: allows you to delete the memo.

Delete all *(Menu 7.6.3)*

In this menu, you can delete all of your voice memos.

When a confirmation message appears, press the **Yes** soft key or the *i* key. To cancel the deletion, press the **No** soft key. When the phone asks for confirmation again, press the **Yes** soft key or the *i* key one more time.

Memory status *(Menu 7.6.4)*

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

The display shows the total, free, and used memory, including the number of memos you have recorded and the total number of memos you can record. Press the Up and Down keys to scroll through the screen.

Currency exchange *(Menu 7.7)*

Using this menu, you can figure out currency conversions.

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

   You can insert a decimal point by pressing the # key.

2. Enter the amount to convert and press the **OK** soft key or the *i* key.

   The amount you entered and its equivalent value display.

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

Camera

Using the camera module embedded in your phone, you can take photos of people or events while on the move. You can also send photos to other people in a multimedia message, or set one as wallpaper or as a caller ID image for a Phonebook entry.

You can also record videos using the phone as a camcorder.

Note: You can quickly access the **Camera** menu by pressing and holding the Camera key ( ) on the right side of the phone in Idle mode.

CAUTION:
- Do not take photos of people without their permission.
- Do not take photos in a place where cameras are not allowed.
- Do not take photos in a place where you may interfere with other person's privacy.

Taking a photo

Your camera produces JPEG pictures.

Notes:
- When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.
- Depending on the currently selected camera mode, available options may vary.

1. If the phone is closed, open the phone.
2. Accessing the **Take photos** menu (**Menu 8.1**) turns on the camera on the top left of the phone.

Or you can press and hold the Camera key on the right side of the phone in Idle mode.

The image to be captured appears on the display.

3. Adjust the image by rotating the camera and aiming it at the subject.

When you press the left soft key, you can access the camera options. For details, see page 152.

You can also change the image settings or switch to other modes by using the keypad. For details, see page 153.

4. Press the [i] or the Camera key to take the photo.

5. Press the **Save** soft key or the [i] key.

To discard the photo, press the **Cancel** soft key.

6.

To	**Press the**
use the photo options	**Option** soft key. For details, see page 154.
return to Capture mode	soft key or the **C** key.

Using the camera options in Capture mode

In Capture mode, you can access various options for the camera by pressing the left soft key.

The following options are available:

Effects: allows you to change the colour tone or apply a special effect to the photo.

Frames: allows you to use a decorated frame. Select a frame from the list using the Navigation keys.

Multi shot: allows you to take a series of action stills. Select the capture speed, **High speed** or **Normal speed**, and the number of photos the camera will take. When you press the *i* key or Camera key, the camera takes photos successively.

After taking photos, press the **Save all** soft key to save all of them or the **Save** soft key to select the photo(s) you want to save.

Rotation: rotates the photo. You can flip the photo vertically, see its mirror image, or do both at the same time.

Self timer: allows you to set a time delay before the camera takes the photo. Select the length of delay you want. When you press the *i* or Camera key, the camera takes the photo after the specified time.

Settings: allows you to change the default image settings.

Photo size: sets the image size to either **VGA(640x480)**, **QVGA(320x240)**, **QQVGA(160x120)**, or **Mobile(128x120)**. The selected image size displays on the top of the capture screen.

Photo quality: allows you to select the image quality from **Economy**, **Normal**, **Fine**, and **Super fine**. The selected quality displays on the top of the capture screen.

Flash light: allows you to select the flashlight option, **Auto** or **Manual**. When you select **Manual**, press the **0** key to use the flashlight and press the **0** key again to turn it off.

Using the keypad in Capture mode

You can use the keys to customise your camera settings when you are in Capture mode.

Key	Function
▲	flips the image vertically.
▼	shows the mirror image.
Up/ Down	zooms in or out.
Left/ Right	adjusts the brightness.
1	switches to Record mode. See page 155.
2	changes the image size.
3	changes the image quality
4	changes the camera mode.
5	changes the colour tone or applies a special effect to the photo.
6	removes the white line or spots on the display.
7	selects a decorated frame.
8	sets the timer before taking a photo.

Key	Function
9	switches to the **My photos** menu (**Menu 8.2**).
0	turns on or off the flashlight.

Take photos *(Menu 8.1)*

This menu allows you to take a photo.

Accessing this menu turns the camera on and the display switches to Capture mode. For further details about taking a photo, see page 150.

My photos *(Menu 8.2)*

This menu allows you to review your photos.

When you access this menu, your phone displays the photos in Thumbnail mode, which shows them as small images. Use the Navigation keys to scroll through the photos.

To view the photos on the full screen, press the *i* key. To go back to Thumbnail mode, press the soft key.

Press the **Options** soft key to access the following options:

View: allows you to view the photo on the full screen. This option is only available in Thumbnail mode.

Send: allows you to send the photo to other people as part of multimedia message. For further details, see page 111.

Rename: allows you to change the name of the photo.

Set as wallpaper: allows you to set the photo as your wallpaper on the idle screen.

Set as caller ID: allows you to set the photo as a caller ID image for a Phonebook entry.

Protection: allows you to protect the photo from being deleted.

Delete: allows you to delete the photo.

Delete all: allows you to delete all of the photos saved in your phone. This option is available only in Thumbnail mode.

Properties: shows the properties of the photo, such as the time and date it was taken, file size, photo size, protection status, file format, and file name.

Video *(Menu 8.3)*

You can record a video using your phone as a camcorder.

Record *(Menu 8.3.1)*

You can record up to 5 videos.

1. When the camera turns on, adjust the image by rotating the camera and aiming it at the subject.

   You can use the following keys in Record mode:

Key	Function
▲	flips the image vertically.

Key	Function
▼	shows the mirror image.
Up/ Down	zooms in or out.
Left/ Right	adjusts the brightness.
1	switches to Capture mode.
9	switches to the **Video clips** menu.
0	turns on or off the flashligt.

2. Press the *i* key, Camera key, or left soft key to start recording.

3. When you have finished, press the *i* key, Camera key, or left soft key.

   Or, the phone automatically stops when the recording time goes off.

4. Press the **Save** soft key or the *i* key. The video is saved and the display returns to Record mode.

   To discard the video, press the **Cancel** soft key.

Video clips *(Menu 8.3.2)*

When you access this menu, the thumbnail images of your videos display.

To play a video:

1. Press the Navigation keys to scroll to the video you want to review.

2. Press the *i* key to start playing the video.

3.

To	Press the
pause the playing	**Pause** soft key or the *i* key.
resume	**Continue** soft key or the *i* key.
stop	**Stop** soft key.

Press the **Options** soft key on the video list to access the following options:

Rename: allows you to change the file name.

Delete: allows you to delete the current video file.

Delete all: allows you to delete all of your video files.

Protection: allows you to protect the video from being deleted.

Properties: shows the properties of the video, such as the time and date it was recorded, file size, protection status, and playing time.

Memory status *(Menu 8.4)*

You can check the amount of memory being used and the memory remaining in the camera.

Each time you press the Up or Down key, the display shows the total, free, and used space for photos and videos.

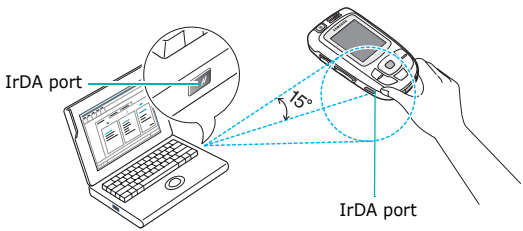
Phone settings

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

Activate infrared *(Menu 9.1)*

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 optimal performance, use the data cable which is optional.

Display settings *(Menu 9.2)*

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

Wallpaper *(Menu 9.2.1)*

This menu allows you to change the background image or change the setting for the text display.

The following options are available:

Wallpaper list: you can select a background image to be displayed on the idle screen.

To change the background image:

1. Scroll through the list by pressing the Up or Down key.

   You have various preset images available. You can also select a blank background or any images downloaded from the Internet and the optional EasyGPRS programme, or received in messages.

   Once you have set a photo as the wallpaper, it is designated as **My photo**.

2. Press the **Select** soft key or the *i* key when the image you want highlights.

3. When the image displays, press the **Select** soft key or the *i* key to display it on the idle screen.

Text display: you can specify whether or not the phone displays the time and date on the idle screen.

Text color: you can select the colour of the text to be displayed on the idle screen. This option is available when the text display is enabled.

Menu style *(Menu 9.2.2)*

This menu allows you to select the menu display style. You can choose from **Grid style**, **Bar style**, and **Page style**.

Back light *(Menu 9.2.3)*

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

Service light *(Menu 9.2.4)*

This menu allows you to select whether or not the service light is used. It also allows you to select a colour in which it flashes.

Select one of the 5 colour settings. When the phone is ready for use, the service light flashes in the chosen colour.

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

Graphic logo *(Menu 9.2.5)*

This menu allows you to display your service provider's logo instead of its name.

The following options are available.

Off: the service provider's name displays in Idle mode.

On: the service provider's logo stored in your phone displays in Idle mode; if no logo has been stored, the service provider's name displays.

Greeting message *(Menu 9.3)*

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

For further details about how to enter characters, see page 49.

Own number *(Menu 9.4)*

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

You can:

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

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

Language *(Menu 9.5)*

You can select a display language. **English**, **Chinese S** (Simplified Chinese), **Chinese T** (Traditional Chinese) are available.

Security *(Menu 9.6)*

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

Various codes and passwords are used to protect the features of your phone. They are described in the following sections. Also see pages 173-176.

PIN check *(Menu 9.6.1)*

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

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

The following options are available:

Disable: the phone connects directly to the network when you switch it on.

Enable: you must enter the PIN each time the phone is switched on.

Change PIN *(Menu 9.6.2)*

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 9.6.3)*

When the Phone lock feature is enabled, the phone is locked and you must enter an 4- to 8-digit phone password each time the phone is switched on.

The password is preset to "00000000" at the factory. To change the phone password, see the **Change password** menu.

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

The following options are available:

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

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

Change password *(Menu 9.6.4)*

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.

Privacy *(Menu 9.6.5)*

Using this menu, you can lock your media contents, such as multimedia messages, photos, videos, voice memos, images, and sounds. Once you have locked the contents, you must enter the phone password to access the associated menus.

To	Press the
select an item to lock	Up or Down key. To lock all of the contents, select **All**.
place or remove a check mark	*i* key.
lock the marked items	**OK** soft key.

When the phone asks for the phone password, enter the password and press the **OK** soft key or the *i* key.

Note: The password is preset to "00000000" at the factory. To change this password, see page 163.

SIM lock *(Menu 9.6.6)*

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

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 9.6.7)*

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

The following options are available:

Disable: you can call any number.

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

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

Change PIN2 *(Menu 9.6.8)*

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

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

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

Extra settings *(Menu 9.7)*

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

To turn a feature	Press the
on	**Mark** soft key or the *i* key. A check mark displays in front of the option.
off	**Unmark** soft key or the *i* key. The check mark no longer displays.

The following options are available:

Auto redial: when this option is checked, the phone makes up to 10 attempts to redial a phone number after an unsuccessful call.

Note: The interval between attempts varies.

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

When it is unchecked, you must open the phone and press a key to answer a call, depending on the setting of the **Anykey answer** option.

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

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

Reset settings *(Menu 9.8)*

You can easily reset your phone to its default settings.

To reset your phone, enter the 4- to 8-digit phone password and press the **OK** soft key or the *i* key.

Note: The password is preset to "00000000." To change this password, see page 163.

Using VoiceSignal

Your phone performs some functions or access specific menus by your voice command. You only need to say the command into the microphone.

Note: While the phone is sending or retrieving MMS messages, you cannot access this feature.

You can:

- dial a number by saying an associated name.
- search for a Phonebook entry stored in your Phonebook.
- access the **Games** menu.
- access the **Camera** menu.

Using the VoiceSignal feature

1. In Idle mode, press the Down key.
2. At a voice prompt followed by a short beep, say a command you want.

   For details about dialling by saying a number or name, see page 25.

   For details about searching for an entry by saying a name, see page 44.

Setting up the VoiceSignal options

You can change the default settings for using the VoiceSignal feature.

To change the VoiceSignal settings, press the Down key and press the **Settings** soft key.

The following options are available:

Sensitivity: allows you to adjust the sensitivity in which your phone recognises your voice commands.

Choice lists: allows you to use a choice list to review and confirm names and numbers when you use the **Name dial** and **Name lookup** commands. For each command, the following options are available:

Automatic: The phone displays a choice list only when it is not sure if it has correctly recognised the name or number.

Always on: The phone always displays a choice list, even when there is only one choice.

Always off: The phone never displays a choice list.

Sound: allows you to change the sound settings for the VoiceSignal feature.

Prompts: allows you to turn on or off the prompt beep.

Names: allows you to turn on off the name playback.

Name settings: allows you to change the speed of the name playback or adjust the volume of the name playback.

Language: allows you to change the language for the voice guide message.

About: shows information about the VoiceSignal feature.

Solving problems

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

When you switch on your phone, 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 (PIN) supplied with the SIM card.
- The PIN check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN check** menu (**Menu 9.6.1**)

Enter PUK

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

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

- The network connection has been 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 dialled

- 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

- Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

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

No number is dialled 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 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 or the *i* key. If you make a mistake, press the **C** key one or more times until the incorrect digit is cleared and then continue entering the correct code.

The access codes, except for the PUK and PUK2 codes, can be changed using the **Security** menu. See page 162 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 112, so that you do not accidentally dial an emergency number.

Phone password

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

To	See
activate/deactivate the Phone lock feature	page 163 (**Menu 9.6.3**).
change the phone password	page 163 (**Menu 9.6.4**).

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	See
activate/deactivate the PIN check feature	page 162 (**Menu 9.6.1**).
change the PIN	page 162 (**Menu 9.6.2**).

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

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

PIN2

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

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

To change the PIN2, see page 165 (**Menu 9.6.8**).

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

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

Barring password

A 4-digit barring password is required when you use the Call Barring function. You can obtain the password from your service provider when you subscribe to this function.

You can change this password in the **Call barring** menu (**Menu 3.2**). See page 90 for further details.

Health and safety information

Exposure to Radio-Frequncy Energy (SAR Information)

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured so as not to exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0W/kg.*

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary, depending on national reporting requirements and the network band.

SAR tests are conducted using standard operating positions 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 base station, the lower the power output of the phone.

Precautions when using batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.

- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose 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, make sure that you are following the special regulations in a given area or country.

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 minimise 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.

Posted facilities

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

Potentially explosive environments

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 refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include the areas below decks 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, proceed as follows.

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 112 or any 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 an 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.
- Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. 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.

Glossary

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

Active slider

Ability to answer a call simply by pushing the slider up.

Call barring

Ability to restrict outgoing and incoming calls.

Call diverting

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

Informs you that you have an incoming call when you are engaged on another call.

Caller line identification services (Caller ID)

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

EMS (Enhanced Message Service)

An adaptation of the Short Message Service (SMS) that allows you to send and receive ring tones and the service provider's logo, as well as combinations of simple media to and from EMS-compliant handsets. Because EMS is based on SMS, it can use SMS centres the same way that SMS does. EMS works on all Global System for Mobile communications (GSM) networks. EMS senders can use text, melodies, photos, sounds, and animations to enhance the expressive power of messages that are limited by the display constraints of mobile devices.

GPRS (General Packet Radio Service)

New non-voice value-added service that allows information to be sent and received across a mobile telephone network. GPRS provides continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched cellular phone connections and the Short Message Service (SMS).

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.

MMS (Multimedia Message Service)

A message service for the mobile environment, standardized by the WAP Forum and the 3rd Generation Partnership Program (3GPP). For phone users, MMS is similar to Short Message Service (SMS)-it provides automatic, immediate delivery of user-created content from phone to phone. The message addressing used is primarily phone numbers, thus the traffic goes from phone to phone. MMS also provides support for e-mail addressing, so that messages can be sent by e-mail. In addition to the text content of SMS, MMS messages can contain still images, voice or audio clips, and also video clips and presentation information.

Multi-party 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 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 travelling for example).

SDN (Service Dialling 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.

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.

SGH-E818 GPRS Telephone

Quick reference card

Switch on/ off	Press and hold the key.
Make a call	① Enter the number. ② Press the key.
End a call	Briefly press the key.
View missed calls immediately after missing them	① Press the key. ② Scroll using the Up or Down key 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.

Access the menu functions	① Press the **Menu** soft key. ② Scroll using the Navigation keys through the list of the menus until you reach the menu you want. ③ Press the key. ④ Scroll using the Up or Down key through the list of the options until the one you want is selected. ⑤ Press the **Select** soft key.

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

Choose the alert type	① Select the **Alert type** menu (**Menu 4.3**). ② Select an option: • **Light only** • **Melody** • **Vibration** • **Vibra+melody** ③ Press the **Select** soft key.
Store numbers in Phonebook	① Enter the number and press the **Save** soft key. ② Select an icon. ③ Press the **OK** soft key. ④ Select a memory. ⑤ Press the **Select** soft key. ⑥ Enter the name. ⑦ Press the **OK** soft key twice. ⑧ If necessary, change the location number. ⑨ Press the **OK** soft key. ⑩ Press the key to return to Idle mode.

Search for a number in Phonebook	① Press the **Phonebook** soft key. ② Select the **Search** option. ③ Enter the first few letters of the name and press the **OK** soft key. ④ To scroll through the names, press the Up or Down key. ⑤ Press the **View** soft key. ⑥ To scroll through the numbers, press the Up or Down key. ⑦ Press the key to dial.
Take a photo	① Press and hold the Camera key with the phone open. ② Press the Camera key. ③ Press the **Save** soft key.

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

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

Printed in Korea
Code No.:GH68-05805A
English. 04/2005. Rev 1.2