



**DUAL BAND
GSM TELEPHONE
SGH-A800**

OWNER'S MANUAL

2002.08.14



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The information in this manual is believed to be correct at the time of printing; Samsung reserves the right, however, to change or modify any of the specifications without notice. Some of the contents in this manual may differ from your phone, depending on the software installed, your SIM card or your service provider.

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Important Safety Precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Health and Safety Information" on page 135.

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 Aircraft

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

Switching Off in Hospitals

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

Interference

All wireless phones may be subject to interference, which may 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).

Radio Frequency Exposure

The design of this phone complies with European Union (EU) requirements relating to radio frequency (RF) exposure. To maintain compliance with these requirements, use only Samsung-supplied or approved accessories. Use of non-approved accessories may violate the requirements.

Sensible Use

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

Accessories and Batteries

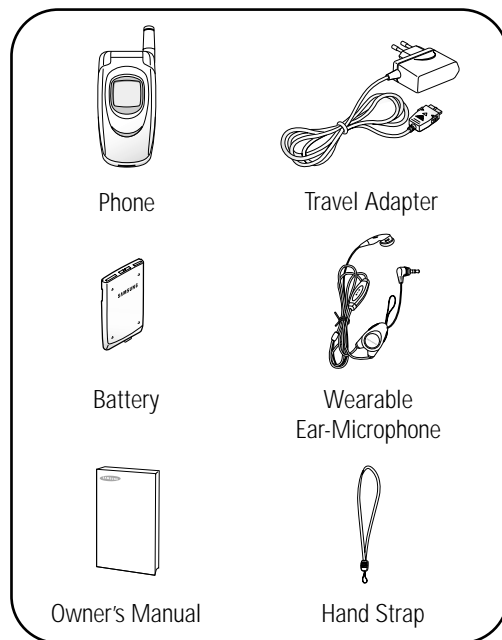
Use only Samsung-approved accessories and batteries.

Qualified Service

Only qualified service personnel may install or repair your phone.

Unpacking

Your package contains the following items.



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

- Battery charger *
- Hands-free car kit
- Cigarette lighter adapter
- PC Link kit

Note: A rubber dust cover is fitted over the connector on the bottom of the phone, to protect it during shipment. When unpacking the phone, remove the dust cover and dispose of it, along with any other unwanted packaging.

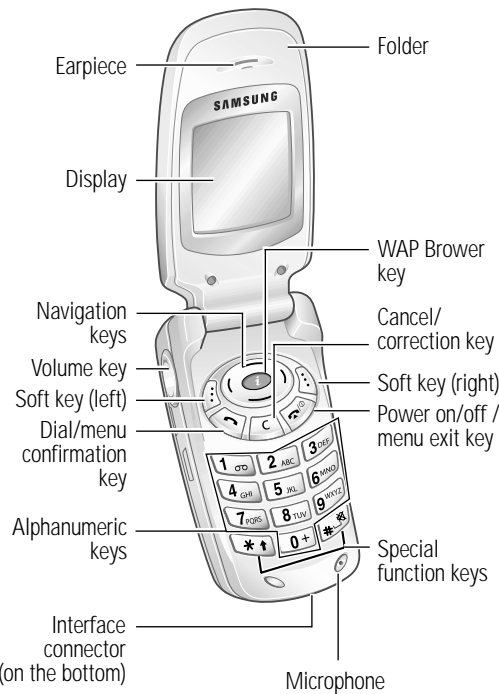
* Depending on the country, this accessory may be supplied in the package.

Your Phone

Phone Layout





The following illustrations show the main elements of your phone.

Open View



Closed View



Key	Description
 (soft keys)	Perform the functions indicated by the text above them (on the bottom line of the display).
	In the menu facility, scroll through the menu options and phonebook memory. In idle mode, allow you to access your favourite menu options directly. For further details, see the Navigation option in the Quick menu on page 90.
	In idle mode, launches the WAP Browser directly.
	Deletes characters from the display. When held down, quickly accesses the New Memo feature.

Key Description (continued)



Makes or answers a call.
In idle mode, recalls the last number dialed.
In the menu facility, selects a menu function or stores information that you have entered (such as a name) in the phone or SIM memory.



Ends a call.
When held down, switches the phone on and off.
In the menu facility, cancels your input and returns to the previous menu level.



When held down in idle mode, accesses your voice mail.



Enters numbers, letters and some special characters.



Used for various purposes in different functions.



When held down while entering a number, the key enters a pause.
When held down in idle mode, the key enters/exits the quiet mode.

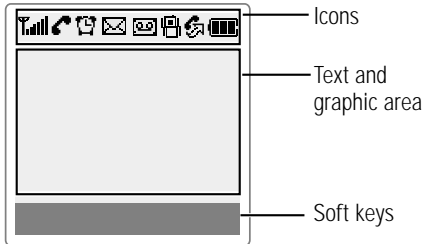


(on the side of the phone)
During a call, adjust the earpiece volume.
In idle mode with the phone open, adjust the key volume.
When held down in idle mode with the phone closed, turn on the external display backlight.
When held down while receiving an incoming call with the phone closed, reject the call or silence the ring tone; see page 92.

Display




Display Layout

The display comprises three areas.



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

Icons

-  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 set the alarm.
-  Appears when a new text message has been received.
-  Appears when a new voice mail message has been received.
-  Appears when you set the Alert type menu option, so that the phone vibrates when you receive a call; for further details, see page 82.
-  Appears when the quiet mode is active.
-  Appears when the Call Diverting feature is activated.
-  Shows the level of your battery. The more bars you see, the more power you have left.

External Display

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

When you hold down one of the volume keys in idle mode with the phone closed, the external display backlight illuminates.

Backlight

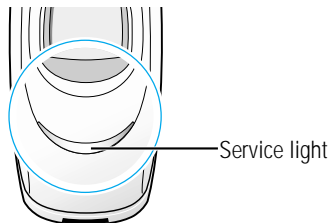
The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the **Backlight** menu option. The backlight remains on at all times when the phone is connected to an optional car kit.

To specify the length of time for which the backlight is active, set the **Backlight** menu option; see page 87 for further details.

Service Light

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

To change the colour of the light or turn it off, set the **Service light** menu option; see page 87 for further details.



Getting Started

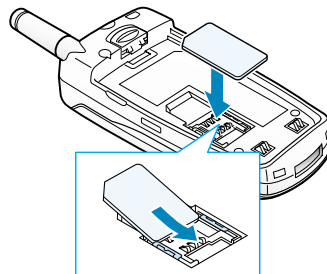
Inserting/Removing the SIM Card

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

- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- When installing the SIM card, always make sure that the phone is switched off before you remove the battery.

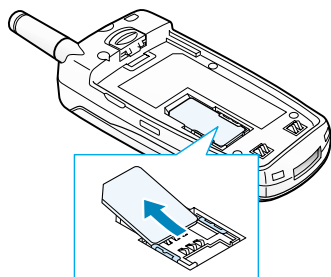
Inserting the SIM Card

1. If necessary, remove the battery by referring to page 19.
2. Insert and slide the SIM card under the two tabs, ensuring that the notched corner is top left and the gold contacts of the card face into the phone.



Removing the SIM Card

To remove the SIM card, slide the card out of the holder, as shown.



Installing/Removing/Charging the Battery

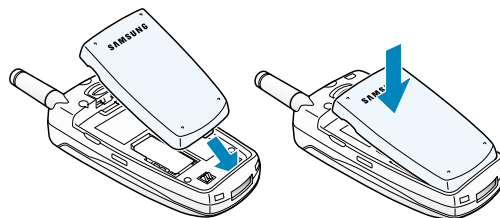
Your phone is powered by a rechargeable Li-ion battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Note: You must fully charge the battery before using your phone for the first time. A discharged standard battery is fully recharged in approximately 120 minutes.


Installing the Battery

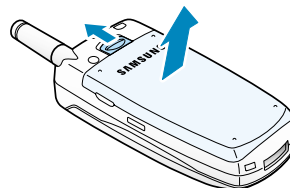
1. Insert the teeth on the bottom of the battery into the corresponding slots on the phone.
2. Push the battery against the back of the phone until it clicks into place.

Make sure that the battery is properly installed before switching the phone on.



Removing the Battery

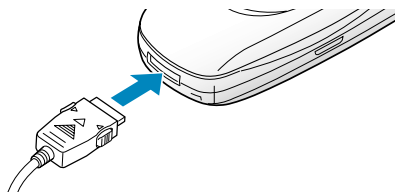
1. If necessary, switch off the phone by pressing and holding down the  key until the power-off animation is displayed.
2. To remove the battery, push the catch above the battery on the back of the phone and hold it in this position. Lift the battery away from the phone.



Charging the Battery Using the Travel Adapter

Note: The phone can be used while the battery is being charged, but this will cause the phone to charge more slowly.

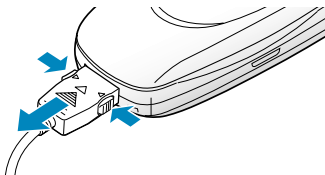
1. Plug the travel adapter connector into the bottom of the phone. Check that the arrow on the connector is facing towards the front of the phone.



2. Connect the adapter to a standard AC wall outlet.

A progress bar appears on the main and external displays. While charging, the battery icon in the top right-hand corner of the main display repeatedly fills to show that the battery is charging.

3. When charging is finished, disconnect the adapter from the power outlet and from the phone by pressing the grey tabs on both sides of the connector and pulling the connector out.



Charging the Battery Using the Battery Charger

1. Plug the travel adapter connector into the bottom of the battery charger.
2. Insert the teeth on the bottom of the battery into the slot on the battery charger and push the battery against the battery charger until it clicks into place.
3. Plug the travel adapter into a standard AC wall outlet.

The LED indicates the status of the battery being charged.


Red: the battery is charging.

Green: the battery is fully charged.



Orange: the battery is not seated correctly in the charger or the adapter is not plugged in correctly. Check the battery and adapter.

4. Ensure that the travel adapter has been disconnected either from the charger or the wall outlet before removing the battery. To remove the battery, push and hold the catch above the battery and lift the battery away.

Low Battery Indicator


When the battery is weak and only a few minutes of talk time remain, the battery sensor informs you in the following ways: an empty battery icon flashes (), you will hear a warning tone and a message will be repeated at regular intervals on the display. When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On/Off

1. Open the phone.
2. Hold down the  key until the phone switches on.
3. If the phone asks for a PIN, key in the PIN and press the left soft key (). For further details, see page 133.

The phone searches for your network and when it finds it, the current date and time appear on the main and external displays. Now, you can make or receive a call.


Note: The display language is determined by the SIM card inserted. To change the language, use the **Language** menu option; for further details, refer to page 87.

4. When you wish to switch the phone off, hold down the  key until the power-off animation is displayed.

Call Functions




Making a Call

Using the Number Keypad



When the idle screen is displayed, key in the area code and phone number, and press the  key.

Note: If you have set the **Auto redial** option to **On** (see page 91), the number is redialled automatically up to ten times if the person you called does not answer or the line is busy.

Correcting the Number

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

Making an International Call

1. Press and hold down the  key for the international prefix. The + character appears.
2. Key in the country code, area code and phone number and press the  key.

Making a Call from the Phonebook

You can store the names and phone numbers called regularly in the SIM card and phone memories, which are jointly called the phonebook. You then do not need to remember all your numbers; simply select the required name to recall the associated number. For further details on the Phonebook feature, refer to page 45.


Redialling the Last Number


To redial the last number, press the  key twice.

Using the Call Log




The phone chronologically stores up to 30 calls dialled, received or missed. The last call is saved in first position. If the same number occurs more than once, only the latest occurrence is saved.




To recall any of these numbers, proceed as follows.

1. If you have typed any characters on the display, press the /⏮ key to return to the idle mode.

2. Press the  key.

The call log is listed with the following icons:

-  for dialled calls
-  for received calls
-  for missed calls

3. Use the  and  keys to scroll through the list until the required number is highlighted.
4. To dial the number, press the  key.


To view each call record, refer to “Call Records” on page 74.

Viewing Missed Calls

If you have a subscription that includes the Caller Line Identification (CLI) feature and you are unable to answer a call for any reason, you can find out who was calling you and then call the person back, if necessary.

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

To view the missed call immediately, proceed as follows.

1. If the phone is closed, open it.
2. Press the **View** soft key.
Information corresponding to the most recently missed call is displayed.
3. To call the number displayed, press the  key.

To use the missed call options, refer to “Missed Calls” on page 74.


Speed-Dialling from the Phonebook

Once you have stored numbers in the phonebook, you can dial a number simply by pressing one or two keys. For further details, see page 51.

Voice Dialling

If you have set the **Active folder** option to **Voice dial** (see page 91), your phone also allows you to say a name when you open the phone. It then automatically dials the number stored with that name. For further details on the Voice Dialling feature, refer to page 77.


Ending a Call


When you have finished your call, briefly press the  key or close the phone.

Answering a Call

When somebody calls you, the phone rings and the phone icon in the middle of the screen flashes.

If the caller can be identified, the caller's phone number or name, if stored in your phonebook, is displayed. If the incoming call is a restricted number, the display shows Anonymous; if it is unknown, it shows Unknown.

1. To answer a call, open the phone. If it is already open, press the  key.

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

Note: You can answer a call while using the phonebook or menu features. The current operation is cancelled.



Rejecting a Call

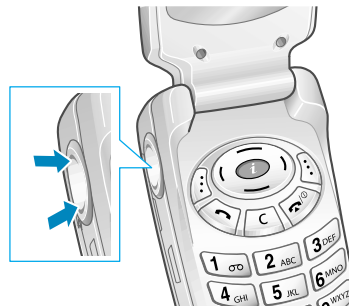
To reject an incoming call, press the  key.

If the phone is closed and the Side key option is set to Reject, you can hold down one of the volume keys on the left side of the phone; see page 92.

Adjusting the Volume

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

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



In idle mode with the phone open, you can adjust the key volume using the  and  keys.

If you hold down one of these keys while receiving an incoming call, the call is rejected or the ring tone is silenced, depending on the setting of the Side key menu option; for further details, see page 92.


Accessing Options During a Call

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

Switching the Microphone Off (Mute)

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

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

To switch the microphone off temporarily, press the  key during a call.

The Mute icon () appears on the bottom line of the display and your correspondent can no longer hear you.


To switch the microphone back on, press the  key again. The Mute icon disappears.

Putting a Call on Hold

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



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

To make a call while you have a call in progress, proceed as follows.


1. Key in the phone number that you wish to dial or look it up in the phonebook.
2. Press the  key to dial the second call. The first call is automatically put on hold.


Or alternatively, proceed as follows.

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

To swap between the two calls, simply press the ( or ) key.

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


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

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

Using the Scratchpad

Your phone has a convenient feature for entering a phone number during a call as if it were a note pad. While using this feature, the key tones are automatically muted to avoid disturbing your conversation.

To use the Scratchpad feature, proceed as follows.

1. Press the  soft key and select the Scratchpad option.
2. Enter the number using the number keypad.


When you end the call, the number remains on the display.

3. Press the Save soft key to save the number in your phonebook; for further details, refer to page 45.


Answering a Second Call


You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have activated the **Call waiting** option (see page 111). You will be notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress, proceed as follows.

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 ( or ) key.

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

3. To end the current call, press the /∅ key. Any held calls will automatically be reconnected to you.



Searching for a Number in the Phonebook

You can search for a number in the phonebook during a call.

1. Press the  soft key.
2. If necessary, press the  or  key to highlight the Phonebook option. Press the  soft key.
3. Select the Find name option and press the  soft key.

The phonebook entries are listed.

4. Enter the first few letters of the name that you want to find.

Note: You can also scroll through the phonebook from the beginning, by pressing the  and  keys.





The phonebook entries are listed, starting with the first entry matching your input. This entry is also highlighted.

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

For a more detailed description of the Phonebook feature, refer to page 45.

Using the SMS Service

You can read a newly received message or write a new message during a call.

1. Press the  soft key.
2. Press the  or  key to highlight the SMS option. Press the  soft key.
3. To read a received message, select the Inbox option, followed by the message that you wish to read.

To write a new message, select the New message option.

For detailed information on the SMS feature, refer to page 63.

Making a Multiparty Call

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




Setting up the Multiparty Call

1. Call the first participant in the normal way.
2. Call the second participant in the normal way. The first call is automatically put on hold.
3. To join the first participant to the multiparty call, press the **Join** soft key.

4. To add a new person to the multiparty call, call the person in the normal way. Then press the **Join** soft key.




You can add incoming callers by answering the call and pressing the **Join** soft key. Repeat as needed.

Having a Private Conversation With One Participant


1. Press the  or  key to highlight the required participant.
2. Press the  soft key and select the **Split** option. Now you can talk privately with that person. The other participants can continue to converse with each other.
3. To return to the multiparty call, press the **Join** soft key.

All the multiparty call participants can now hear each other.

Removing One Participant

1. Press the  or  key to highlight the required participant.
2. Press the  soft key and select the **Remove** option.

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

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



Using the Ear-Microphone

With the ear-microphone supplied with your phone, you can make or answer a call without holding the phone. When you connect the ear-microphone to the jack at the top of the phone, the button on the ear-microphone will operate as listed below.

To...	Then press the button...
Redial the last call	Twice in idle mode.
Answer a call	When you receive the call.
End a call	When you have finished the call.

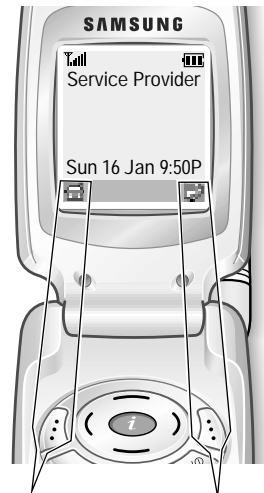
Note: You can use the voice dialling or voice command features by pressing the button, if the **Active folder** menu option is set to Voice dial or Voice command. For further details, refer to page 91.

Selecting Functions and Options

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

The roles of the soft keys vary according to the current context; the labels or icons on the bottom line of the display just above the keys indicate their current roles.

Example:









Press the left soft key to access the menu functions.

Press the right soft key to access the Phonebook feature.

To view the various functions/options available and select the one required, proceed as follows.

1. Press the appropriate soft key.


2. To...	Press the...
Select the: <ul style="list-style-type: none"> Function displayed <u>or</u> Option highlighted 	Left soft key ()
View the next function or highlight the next option in a list	 key.
Move back to the previous function or option in a list	 key.
Move back up one level in the structure	Right soft key () or the  /ⓧ key.

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

Entering Text

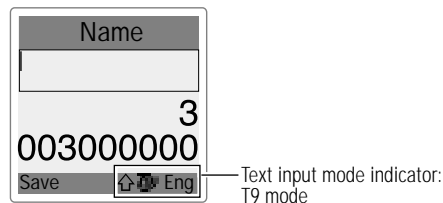
When storing a name in the phonebook, creating your personal greeting or scheduling events in your calendar, you will need to enter text.

You are provided with the following text input modes.

- T9 Mode**
This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter – when you press the  key once, J, K or L may be displayed. The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode.
- ABC Mode**
This mode allows you to enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.
- Symbolic mode**
This mode allows you to enter special characters.
- Number mode**
This mode allows you to enter numbers.

Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will see the text input mode indicator at the bottom of the display.



To change to another text input mode, proceed as follows.

- 1. Press the right soft key, indicating the current text input mode.
- 2. Scroll to the required mode, by pressing the or .

The Language select option allows you to change the text input language.

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

- 3. Press the soft key to select the highlighted text input mode.

Quickly Changing the Text Input Mode

To toggle between the...	Then hold down the...
Number and T9 modes	key.
Symbolic and T9 modes	key.
ABC and T9 modes	Right soft key.

Using the T9 Mode

To type a word, proceed as follows.

- 1. Start entering the word by pressing keys to . Press each key only once for each letter.

Example: To enter Hello in the T9 mode, press , , , and .

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


- 2. Enter the whole word before editing or deleting any keystrokes.
- 3. If the word is correct, start entering the next word. Otherwise, press the or key repeatedly to display alternate word choices for the keys that you have pressed.

Example: Both “of” and “me” have the sequence and . The phone displays the most commonly used choice first.

- 4. Complete each word with a space by pressing the .

If Spell appears above the left soft key while you are entering text, the word does not exist in the T9 dictionary. To type words not found in the T9 mode, change the text input mode to the ABC mode or proceed as follows.


- 1. Press the Spell soft key, or press the right soft key and select the Add word option.


- 2. Enter the required word using the ABC mode (see page 41) and press the  soft key.

The word is saved in the T9 dictionary and inserted in the input field.

- 3. Continue entering any other words in the T9 mode.


Smart Punctuation

To enter periods, hyphens or apostrophes, press the  key. The T9 mode applies rules of grammar to insert the correct punctuation.

Example: The  key is used twice to display two punctuation marks.





Changing the Case




To change the case of the next letter(s) that you type, press the  key. There are three case states:

- Lower Case (no indicator)
- Initial Capital (⬆)
- Capital Lock (⬆)

Scrolling

To move the cursor to the left or right within the text, press the  or  key.



Clearing Letters and Words

To...	Then...
Clear the letter to the left of the cursor	Press the  key.
Clear all letters on the display	Hold down the  key and select the Erase all option.
Cancel your input and return to the previous menu level	Hold down the  key and select the Go back option.

Using the ABC Mode

When typing in the ABC mode, press the key labelled with the required letter:

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

Example: To display the letter “C”, quickly press the  key three times. To display the letter “K”, press the  key twice. This method is called Multi-tap typing.


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



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

Key	Characters in the Order Displayed			
1	.	,	-	? ! ' @ : 1
2	A	B	C	2
3	D	E	F	3
4	G	H	I	4
5	J	K	L	5
6	M	N	O	6
7	P	Q	R	S 7
8	T	U	V	8
9	W	X	Y	Z 9
0	0			


(Capital Lock mode)

Changing the Case

To change the case of the next letter(s) that you type, press the  key. There are three case states:

- Lower Case (no indicator)
- Initial Capital ()
- Capital Lock ()




Inserting a Space

To insert a space between each word, press the  key.

Scrolling




To move the cursor to the left or right within the text, press the **(** or **)** key.

Clearing Letters and Words

To...	Then...
Clear the letter to the left of the cursor	Press the  key.
Clear all letters on the display	Hold down the  key and select the Erase all option.
Cancel your input and return to the previous menu level	Hold down the  key and select the Go back option.

Using the Symbolic Mode

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

To...	Then press the...
Display more symbols	 or  key.
Enter a given symbol	Corresponding key.
Return to the previous text input mode	 key.

Using the Number Mode

The Number mode enables you to enter numbers. Press the keys corresponding to the required digits before manually switching back to the appropriate text input mode.

Phonebook

You can store phone numbers and the corresponding names in the memory of your SIM card. In addition, you can store up to 2000 names in the phone memory and each name can be associated with up to five numbers. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called the phonebook.

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

Creating a Phonebook Entry

There are two ways to store a number:



- Using the Save soft key in idle mode
- Using the Add entry option in the Phonebook menu


Storing a Number in Idle Mode

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

1. Key in the number to be stored.

Notes:

- If you make a mistake while entering a number, correct it using the  key. For further details, refer to page 23.
- To insert a dialling pause for special phone services, such as banking by phone, hold down the  key. "P" is displayed to indicate the pause.


2. When you are sure that the number is correct, press the **Save** soft key.
3. Select the memory in which the number is to be stored (Phone or SIM) and press the  soft key.
4. Enter the associated name.


The maximum length of a name depends on your SIM card. For information on how to enter characters, see page 37.

5. When you are satisfied, press the **Save** soft key.
6. If you selected SIM, enter the location number and press the Save soft key.

If you selected Phone, you can select a category from Mobile, Home, Office, Fax and Other.

The number is saved and the new entry is displayed.

7. Once you have selected the category, press the **(** or **)** key to scroll through the other categories. You can add more numbers or change the settings by pressing the left soft key ( or Edit).

Mobile/Home/Office/Fax/Other: allows you to group numbers by type. Press the  soft key and select the Edit number option to add a number or the **Change name** option to change the associated name.



E-mail: allows you to store an e-mail address.

URL: allows you to store a URL address.



Group: allows you to assign an entry to a caller group. To remove a number from a group, select the No Group option. For more information on how to change caller group properties, see page 54.

Graphic: allows you to select an image to inform you of an incoming call from that person.




Alert: allows you to select the colour of the service light and the melody used to inform you of an incoming call from that person.

8. Press the  key or the  soft key to return to the idle screen.



Storing a Number Using the Phonebook Menu



1. In idle mode, press the  soft key to access the Phonebook menu.
2. Scroll to the Add entry option by pressing the **—** or **—** key and press the  soft key.
3. Continue the procedure from Step 1 on page 45 to store the number.

Searching for and Dialling a Number in the Phonebook


- 1. When the idle screen is displayed, press the  soft key to access the Phonebook menu.
- 2. Select the required search method (Find name or Find number) by pressing the  or  key, if necessary.
- 3. Enter the start of the name or number that you wish to find.

The phonebook entries are listed, starting with the first entry matching your input. This entry is also highlighted.




- 4. If necessary, press the  or  key to scroll to the required entry.
- 5. Once you have found the required entry, press the View soft key.

To...	Press the...
Dial the displayed number	 key.
Use the phonebook options	 soft key. For further details, see page 49.

Using the Phonebook Options

While accessing any phonebook entry, press the  soft key to access the options for that entry.

To access the options, proceed as follows.

- 1. From the phonebook entry, press the  soft key. The first available option is highlighted.
- 2. Scroll to the required option by pressing the  or  key.
- 3. Press the Select soft key.


The following options are available.

Edit (SIM card memory)
This option allows you to edit the selected number and name.

Edit number (phone memory)
This option allows you to edit the selected number. You can also add a new number if none has been stored for the selected category.

Change name (phone memory)
This option allows you to change the name of the selected entry.

Note: This option is only available for entries stored in the phone memory.

To clear the old name, press the  key. For more information on how to enter characters, see page 37.



Send SMS

This option allows you to send an SMS message to the selected number. For more information on how to send a message, see page 66.

Copy

This option allows you to copy the selected entry from the phone memory to the SIM memory, and vice versa.









Delete

This option allows you to delete the selected entry from the phonebook. To confirm the deletion, press the  soft key. Otherwise, press the  soft key.

Speed-Dialling

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




Setting Up Speed-Dial Entries

1. When the idle screen is displayed, press the  soft key to access the Phonebook menu.
2. Scroll to Speed list by pressing the  or  key and press the  soft key.
3. Select the key to which you wish to assign the Speed-Dialling feature (keys  to ) and press the  soft key.
4. Enter the required number and press the  key.

Note: Press the Search soft key to recall a number from the phonebook. The entry is automatically saved and you do not need to continue with the following steps.


5. Enter a name for the speed-dial entry and press the Save soft key.

Removing a Speed-Dial Allocation

Select the speed-dial entry that you wish to remove from the list and press the  soft key. To confirm the deletion, press the  key. Otherwise, press .

Using the Speed-Dial Feature



When the idle screen is displayed, hold down the number key ( to ) assigned to the speed-dial entry.

Note: Key  is reserved for your Voice Mail server number.

Dialling a Number Stored in Your SIM Card











Once you have stored phone numbers in your SIM card, you can dial them easily whenever required.

To dial a number stored in your SIM card, proceed as follows.

1. Enter the number of the SIM card location in which the number you wish to dial is stored.
2. Press the  key.
The display shows the name and number stored in that location.
3. Press the Dial soft key or the  key.

Editing Group Settings

You can change the settings of the five predefined caller groups.




1. When the idle screen is displayed, press the  soft key.
2. Scroll to the Management menu, by pressing the  key.
3. Scroll to Group setting by pressing the  or  key and press the  soft key.
4. Select the required caller group by pressing the  or  key and press the Edit soft key.
5. Scroll to the required setting option by pressing the  or  key, and press the  soft key. The following options are available.

Melody: allows you to select the ring melody used when you receive a call from any member of that group.

Colour: allows you to select the colour of the service light used when you receive a call from any member of that group.

Graphic: allows you to select the image used when you receive a call from any member of that group.







Change name: allows you to change the name of the group; for further details on how to enter characters, see page 37.

6. Change the setting as required and press the left soft key (Save or ).
7. Repeat Steps 5 and 6 to change any other options.
8. When you have finished, press the  soft key or the  key to exit.

Using Other Phonebook Features



Storing Your Own Number

You can store your own phone number(s) with a name. The number of phone numbers that you can store may vary depending on the SIM card.


1. When the idle screen is displayed, press the  soft key.
2. Scroll to the Management menu, by pressing the  key.
3. When Own number is highlighted, press the  soft key.
4. Select an entry and press the Edit soft key.
5. Enter your number and press the  key to move to the **Name** field.
6. Enter the name and press the Save soft key.
7. Press the  soft key or the  key to exit.

Checking the Memory Status

You can check how many entries are stored in the phonebook (card and phone memories) and how many free locations remain.



1. When the idle screen is displayed, press the  soft key.
2. Scroll to the Management menu, by pressing the **]** key.
3. Scroll to Memory status by pressing the **—** or **—** key and press the  soft key.

The display shows the number of phone and SIM entries used, followed by the total capacity of each memory.

4. Press the  soft key or the **⏏/ⓧ** key to exit.

Dialling the Service Directory or Information Numbers

Note: This feature may not be available, depending on your SIM card.

1. When the idle screen is displayed, press the  soft key.
2. Scroll to the Services menu, by pressing the **(** or **)** key.
3. Select the required option, by pressing the **—** or **—** key and press the  soft key.

Service directory: enables you to view the numbers in the Service Directory and make calls to them.







Information: enables you to see the information numbers in a tree structure and make a call.

4. If necessary, scroll to the required number by pressing the **—** or **—** key and press the **↩** key to dial the number.




Using the Menus



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

The menus and sub-menus can be accessed by pressing the left soft key in idle mode, then scrolling with the navigation keys.

1. In idle mode, press the  soft key to access the menu facility.
2. Scroll through the main menus using the ( or ) key.
3. Find the sub-menu that you wish to use by scrolling with the  or  key. Press the  soft key to access the sub-menu.

If the menu that you have selected contains further sub-menus, repeat this step.

4. Scroll with the  or  key to find the setting of your choice.
5. Press the  soft key to save the setting.

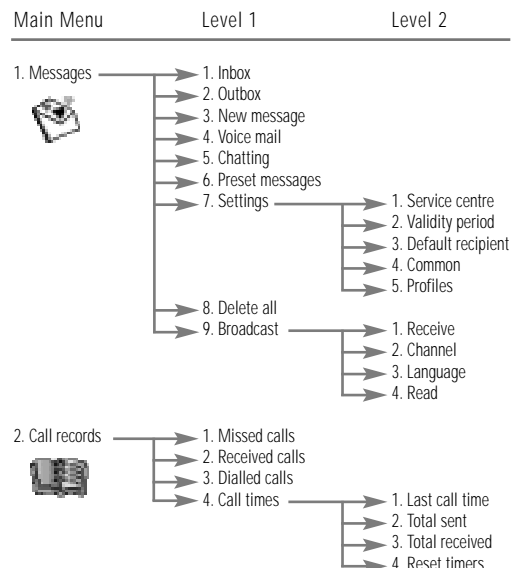
Note: You can return to the previous menu level by pressing the  soft key or the /END key.

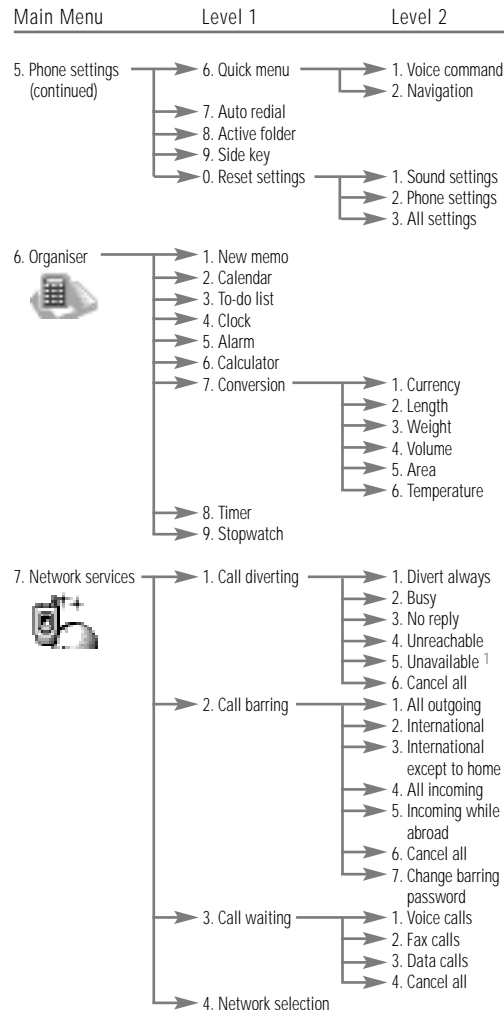
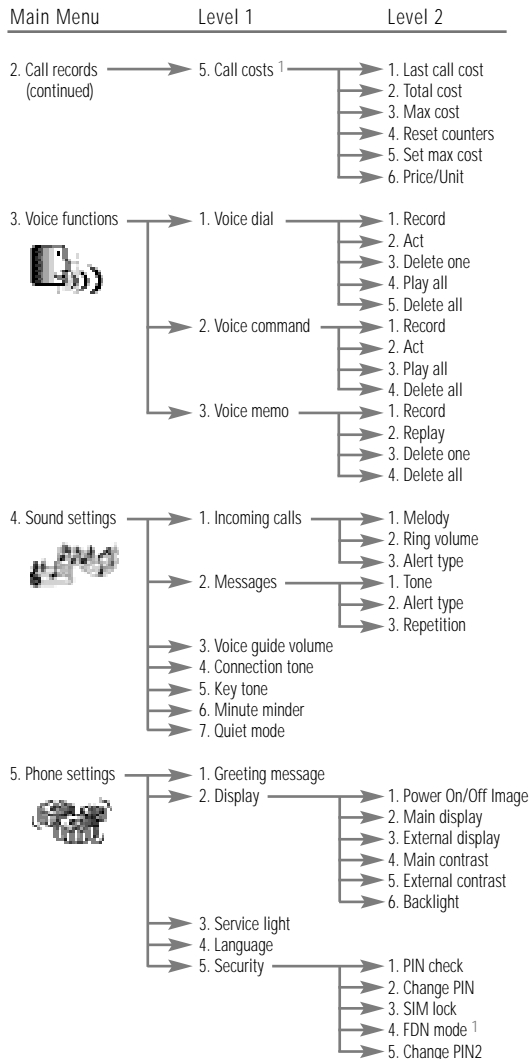
List of Menu Functions

The various menus let you check or change your phone settings. The following illustration shows the menu structure.

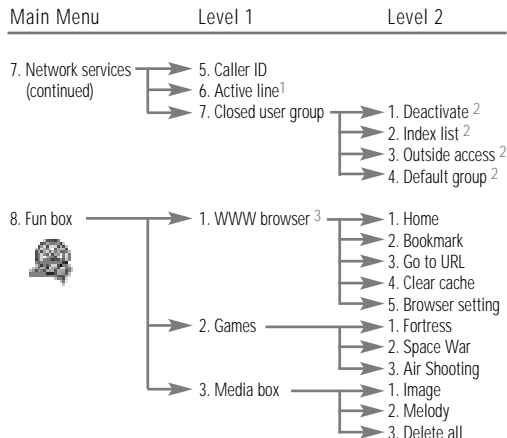
The numbers assigned to each menu option may not match the menu number on the phone. It depends on the services supported by your SIM card.

Note: You can only see menu 0, if your SIM card supports the **SIM Application Toolkit**. This is a network feature. Please contact your service provider for more information.





¹ Shown only if supported by your SIM card.



¹ Shown only if supported by your SIM card.


² Shown only if the Closed User Group feature is active.

³ May not be shown or supported by your network service provider.

Messages


This menu allows you to create, send, read and save text messages with the Short Message Service (SMS). Voice mails and messages containing pictures or melodies are also available.

Note: This feature is only available if your service provider's network supports it. Contact your service provider for more information.

The inbox and outbox share a given amount of memory in your phone or SIM card. When the message memory is full, the  icon blinks and an error message is displayed. In this case, you cannot receive any new messages. You should delete one or more old messages to make room for the new message using the Delete option within the inbox or outbox or the Delete all option; for further details, see page 71.

Inbox


Your phone receives incoming messages and saves them in an inbox. SMS messages are usually saved in the SIM memory, and messages containing images or melodies are saved in the phone memory.

When you receive a new text message, the  icon is displayed and you hear an alert, depending on the message sound setting; for further details, see page 82.

To read the message immediately, press the left soft key. Otherwise, press the right soft key to exit.





When the **Inbox** menu option is selected, the list of messages received is displayed with the:


- Sender's phone number (or name if stored in the phonebook)
- Message status (📧 for a read message or ✉ for an unread message)

To view a message, scroll to it and press the  soft key. The screen shows the:

- Date and time at which the message was received
- Memory in which the message was stored (📁 for your SIM card or 📱 for the phone memory)
- Message contents

To scroll through the message contents, press the  or  key.

To scroll through messages that include images or melodies, press the , , ( or ) key. When you focus on an object that includes a melody, the melody is played.

You can choose the following options, by pressing the  soft key.

Delete: allows you to delete the message.

Send: allows you to send the message to another person.

Edit: allows you to edit the message.

Transfer: allows you to transfer the message from your SIM card to the phone memory.

Cut number: extracts a number from the message, so that you can call the number or save it in the phonebook.

Extract media: saves media items, such as sounds or images, from the message into your phone's media box. You can use these items when writing a message; for further details, see page 66.

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


Chatting: allows you to have a conversation with another person using text messages; for further details, refer to page 69.

Outbox




The outbox stores any messages that you have already sent or just saved without sending.

When the **Outbox** menu option is selected, the list of messages you have sent or saved is displayed with the:

- Recipient's phone number (or name if stored in the phonebook)
- Message status (Sent or To Send)

To view a message, scroll to it and press the  soft key. The screen shows the:

- Message status (Sent or To Send)
- Memory in which the message was stored (📁 for your SIM card or 📱 for the phone memory)
- Message text

To scroll through the message, press the  or  key. You can choose the following options, by pressing the  soft key.

Delete: allows you to delete the message.

Send: allows you to send the message to another person.

Edit: allows you to edit the message.

Transfer: allows you to transfer the message from your SIM card to the phone memory.

Cut number: allows you to extract a number from the message, so that you can call the number or save it in the phonebook.



New Message

Via this menu, you can write messages, containing text, images and melodies.

1. Create a message.

Note: For further information on how to enter characters, refer to page 37.

2. When you have completed your message, press the  soft key.

3. Scroll to the required option by pressing the  or  key. The following options are available.

Text: allows you to format the text. You can change the size and alignment of the text, and use bold, italic, underscored or strikethrough characters. These text attributes can all be combined as required.

Add media: allows you to add pictures, animations and/or melodies to the message. Select the required category: Add picture, Add animation or Add melody. You can then choose a preset object or an object that you have received from another source and stored in the media box (see page 127).

Preset messages: allows you to add a preset message to your text. Select one of the ten messages predefined via the Preset messages menu option (see page 70).

Send: allows you to send the message.

Send by set: allows you to send the message by using a profile predefined via the Settings menu option (see page 70).



Save Message: allows you to save the message so that it can be sent later. You can read the message in your outbox.

4. When you have finished entering your message, select Send or Send by set to send the message.


If you just want to save the message, select Save Message, followed by the memory location. You do not need to continue with the following steps.

5. If you selected...	Then...
Send	Enter a destination number.
Send by set	<ul style="list-style-type: none">• Select a profile.• Enter a destination number.

Notes:

- To recall a number from your phonebook, press the  soft key.
- The Add soft key allows you to add up to five numbers.
- To go back to the previous screen, press /⏮.

6. Press the  soft key.
The message is sent.

Note: If the phone fails to send the message, “Error” is displayed. Press the **Retry** soft key to retry the transmission or the  soft key to forward the message to another destination.

Voice Mail

Storing the Voice Mail Server Number


Before using the voice mail service, you must store the voice mail server number obtained from your service provider.

To save the voice mail server number, select the **Voice mail** menu option, enter the voice mail server number and a name (if required), then press the left soft key to save it.

Listening to Your Voice Mail

When you receive a voice mail, your phone displays the voice mail indicator and you hear an alert, depending on the message sound setting; for further information, see page 82.




There are three ways to access your voice mail box.


1. When you receive a voice mail, press the left soft key and follow the instructions provided.
2. In idle mode, hold the  key down to access your voice mail box.
3. Call your voice mail server number and follow the instructions provided.

Chatting

Using this menu option, you can have a conversation with another person using text messages.




To start a chat session, proceed as follows.

1. Enter the ID with which you wish to identify yourself for the chat, and press the  key.
2. Enter the other party's phone number and press the  soft key.
3. Write your chat message as you would a normal text message, and press the  soft key to send the message.

4. When you receive a reply from the other party, the reply message (indicated by the sender's ID) is shown below your original message (indicated by your ID).
5. Write your reply and send it by pressing the  soft key.
6. Repeat this procedure for each chat message.

Preset Messages

Using this menu, you can preset up to ten messages that you use most frequently. When you access this menu, the preset message list is displayed.

1. Scroll to the required message or an empty entry by pressing the  or  key.
2. Press the  soft key and enter a new message or edit the old message.
3. Press the **Save** soft key to save the message.

Settings

Via this menu, you can set up default SMS information.

The following options are available.

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

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

Default recipient: allows you to set the default recipient's phone number.

Common: two options are available.

Reply path: allows the recipient of your SMS message to send you a reply via your message centre, if the service is provided by the network.


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

Profiles: a message profile is a group of settings required to send a message. You can use these settings if you select the Send by set option when sending a message.

Each of the message profiles has its own submenus: Service centre, Validity period, Default recipient and Profile name.

Delete All

You can delete all messages stored in the SIM card and phone memories via this menu.

Put a check mark in front of the required memory (SIM or Phone) by pressing the Select soft key and press the  soft key to delete all messages in that memory.

Broadcast

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

- The phone is in idle mode
- The **Receive** option is set to **On**
- The message channel is currently active in the channel list


The last five messages are also stored for later retrieval. Please contact your service provider for more information.



The following options are available.

Receive: allows you to turn the reception of broadcast messages on or off.

Channel: lists all available channels. The channels currently selected are indicated by a check mark beside the name. When you select one of them, you can edit, enable, disable or delete the channel. The **Add** option allows you to add a new channel to the channel list. Enter the appropriate channel ID obtained from your service provider and a title for the channel.

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

Read: lets you view the first message. If the message is long, press the  key on the left side of the phone one or more times.

To view another message, scroll through the messages using the  or  key. You can also press the **Next** soft key at the end of the message to move to the next message.

Call Records

Via this menu, you can view:

- Missed calls
- Received calls
- Dialed calls

The number and name (if available) are displayed together with the date and time at which the call was made. You can also view call times and costs.

Missed Calls

This option lets you view the last 30 unanswered calls if the caller line identification is available.

By pressing the  soft key, you can also:

- Delete the current call record from the list
- Delete all call records in the list
- Paste the number into the phonebook

Received Calls

This option lets you view the last 30 received calls if the caller line identification is available.

By pressing the  soft key, you can also:

- Delete the current call record from the list
- Delete all call records in the list
- Paste the number into the phonebook

Dialed Calls

This option lets you view the last 30 dialed numbers.

By pressing the  soft key, you can also:

- Delete the current call record from the list
- Delete all call records in the list
- Paste the number in the phonebook

Call Times

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

Note: If your SIM card supports the ALS feature you must select the appropriate line first.

The following timers are available.

Last call time: length of the last call.

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

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

You can use the **Reset timers** option to reset the call timers.

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

Call Costs

This feature lets you view the cost of calls.

Notes:

- This feature is not intended for billing purposes.
- AOC (Advice Of Charge) information may be displayed in idle mode, depending on your SIM card or service provider.


The following options are available.


Last call cost: cost of the last call made.


Note: If your SIM card supports the ALS feature, you can see the cost of the last call on each line.

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

Max cost: maximum cost set via the **Set max cost** option (see below).

Reset counters: option used to reset the cost counter; you must first enter your PIN2 (see page 133) and then press the  soft key.

Set max cost: option used to enter the maximum cost that you authorise for your calls; you must first enter your PIN2 (see page 133) and then press the  soft key.

Price/Unit: option used 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 133) and then press the  soft key.

Voice Functions

In the Voice Functions menu, you can use voice features, such as:

- Voice dial
- Voice command
- Voice memo

Voice Dial

The voice dialling feature allows you to make phone calls by saying a voice tag that has been added to a name and phone number in the phonebook. Any spoken word, such as a name, can be a voice tag.

When recording a voice dial tag, note that:

- Voice tags are not language-dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to background noise. Where possible, record voice tags or make calls in a quiet environment.
- When recording a voice tag or making a call, hold the phone in the normal position close to your ear.
- The maximum length for a voice tag recording is about 1.5 seconds, but very short names are not recorded.
- You can record up to 20 voice-dial entries.

In the Voice Dial menu option, the following options are available.

Record: allows you to record name tags and allocate them to numbers for voice dialling.

1. Say the name you want to use for voice dialling after you hear a voice prompt. For best results, use names with at least two syllables, or use both a first and last name. The phone stores the name as the first sample, and then prompts you to say the name again.
2. Respond to the prompt by repeating the name. The phone saves the name as the second sample and then requests the phone number and name.
3. After entering a number and name, press the Save soft key.

Act: activates voice dialling.

You hear a voice guide and "Say Name" appears on the display.



Say the voice tag clearly.

The phone automatically dials the number of the recognised voice tag.

If no match is found for the voice tag or the tag is not recognised, the phone may ask you to try again.

Delete one: allows you to delete an individual voice tag. The corresponding phone number remains in the phonebook but the voice tag is deleted.

Play all: plays back all recorded voice tags.

Delete all: deletes all voice tags. The corresponding phone numbers remain in the phonebook but the voice tags are all deleted. Press the  soft key when the message "Delete All?" is displayed. Otherwise, press the  soft key to exit the function without deleting the voice tags.

Voice Command



This menu gives you quick access to menus you use frequently, by saying your own voice commands.

The following options are available.

Record: The most frequently used menu functions are programmable with your own voice commands. The menus are preset to Off by default, indicating that they are not recorded. When voice commands are recorded successfully, the menus are changed to On on the display.

Act: allows you to access the menus using the recorded voice commands.

Play all: plays back all voice commands you have recorded.

Delete all: deletes all voice commands you have recorded. Press the  soft key to confirm the deletion. Otherwise, press the  soft key to exit the function without deleting the commands.

Voice Memo

You can use the Voice Memo feature to:

- Record voice memos
- Play the recorded voice memos
- Delete one or all voice memos



The following options are available.

Record: allows you to record a memo. The display shows the recording time counter. After recording, press the End soft key. You are prompted to enter a title. Enter a title of up to 24 characters.

Note: If the memory is full, you must delete obsolete memos before recording a new one.

Replay: allows you to play back a recorded memo.


Delete one: allows you to delete a specific memo.

Delete all: allows you to delete all memos. Press the  soft key to confirm the deletion. Otherwise, press the  soft key to exit the function without deleting the memos.



Sound Settings

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

- Ring tone, volume and type for incoming calls or messages
- Volume for the voice prompt
- Sounds made when your call is connected or when you press a key
- Mode to which your phone switches when you hold down the  key



Incoming Calls

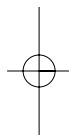
This option allows you to set up the ringer for incoming calls.

Note: If your SIM card supports the ALS feature, you must select the line you wish to change first.

The following options are available.

Melody: lets you choose between many different melodies. Each time you select a melody from the list, it plays the melody.

Ring volume: allows you to adjust the ring volume. Use the  and  keys or the volume keys on the left side of the phone. The more bars you see, the greater the volume.



Alert type: lets you specify how you are informed of any incoming calls.

Light only: only the service light on the folder comes on.

Melody: the phone rings using the melody selected via the Melody option (see page 81).

Vibration: the phone vibrates but does not ring.

Vibration then melody: the phone first vibrates and then starts ringing.

Messages

This option allows you to set up the ringer for incoming messages.

The following options are available.

Tone: lets you choose between many different tones. Each time you select a tone from the list, the tone is played.

Alert type: lets you specify how you are informed of any incoming messages.

Silent: only the text notification appears; the phone neither rings nor vibrates.

Tone: the phone rings using the tone selected via the Tone option (see above).



Vibration: the phone vibrates but does not ring.

Vibration then tone: the phone first vibrates and then starts ringing.

Repetition: allows you specify how often the phone informs you of a new message. You can choose between **Once**, **Periodic** and **Continuous**.

Voice Guide Volume

You can adjust the volume of the voice prompt when using the voice functions.

Use the  and  keys or the volume keys on the left side of the phone. The more bars you see, the greater the volume.

Connection Tone

This menu option allows you to specify whether the phone should beep when the phone connects to the network. The following options are available.

Off: the phone does not beep.

On: the phone beeps when your call is accepted.

Key Tone

This menu option allows you to select the tone that the keypad generates when you press a key. The following options are available.

Off: the keys do not make any sound.

Tone: each key, when pressed, makes a different sound.

Beep: each key, when pressed, makes the same sound.

To adjust the key tone volume, press the volume keys on the left side of the phone in idle mode with the phone open.

Minute Minder


This menu option allows you to specify whether the phone must beep every minute during an outgoing call to keep you informed of the length of your call.

The following options are available.

Off: the phone does not beep.

On: the phone beeps every minute.

Quiet Mode

When you hold the  key down in idle mode, the phone switches to the quiet mode. You can specify whether the phone vibrates or mutes all sounds in the quiet mode.

The following options are available.

Vibration: the phone vibrates rather than rings in quiet mode.



Mute: the phone mutes all sound settings in quiet mode.

Phone Settings

Many different features of your phone can be customised to suit your preferences via the Phone Settings menu.

Greeting Message

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

To...	Then...
Clear the existing message	<ul style="list-style-type: none"> Hold down the  key. Select the Erase all option.
Enter a new message	Press the appropriate alphanumeric keys.
Change the text input mode	<ul style="list-style-type: none"> Press the right soft key. Select the required mode.
Cancel your input and return to the previous menu	Press the  /Ⓢ key.

Display

You can change the settings for the main and external displays to suit your preference and needs.

Power On/Off Image

This option allows you to select the image to be displayed when you switch the phone on or off.

Main Display

This option allows you to select the idle screen for the main display.

Normal: displays the normal idle screen with the navigation key functions.

Image: displays the selected wallpaper image.



External Display

This option allows you to select the type of clock to be displayed on the external display in idle mode.



Digital clock: displays a digital clock.

Analogue clock: displays an analogue clock.

Main Contrast

This option allows you to adjust the contrast of the main display to make it lighter or darker. Use the  and  keys or the volume keys on the left side of the phone.

External Contrast

This option allows you to adjust the contrast of the external display to make it lighter or darker. Use the  and  keys or the volume keys on the left side of the phone.

Backlight

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

The following options are available.

Off: the backlight is not used.

Short: the backlight comes on when you press a key or receive a call and switches off 10 seconds after the last key is pressed.

Long: the backlight comes on when you press a key or receive a call and switches off 20 seconds after the last key is pressed.

Service Light

This menu option allows you to select whether the service light on the folder is used or not.

To turn the light on, select one of the seven colours. If you do not wish to use the service light, select Off.

Language

You can select a different language for the display and voice functions.

You can also set the default text input mode. For details on the text input modes, refer to page 37.

Security

The security settings enable you to restrict the use of your phone to:

- The people of your choice
- The types of calls of your choice

Various codes and passwords are used to protect the features of your phone. They are described in the following sections (also see page 133-134).

PIN Check

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

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

The following options are available.

Enable: you must enter the PIN each time the phone is switched on.

Disable: the phone connects directly to the network when you switch it on.

To change your PIN, refer to the Change PIN menu option on page 89.

Change PIN

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

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

SIM Lock

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

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

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

FDN Mode

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

The following options are available.

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

Disable: you can phone any number.

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

To change your PIN2, refer to the Change PIN2 menu option on page 90.

Change PIN2

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

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

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





Quick Menu

This menu allows you to create a quick way of accessing specific menus using the voice command feature or the navigation keys.

Voice command: to use the voice command feature, refer to page 79.

Navigation: the four navigation keys can be used as shortcut keys to the menu functions you use most frequently. In idle mode, they allow you to access specific menu options directly.

To assign a shortcut to a key, proceed as follows.

1. Select the shortcut key that you wish to change by pressing the navigation keys, following by the  soft key.
2. Select the menu option to be assigned to the key by pressing the  or  key, and press the  soft key.

Auto Redial

With the Auto Redial function, the phone makes up to ten attempts to redial a phone number after an unsuccessful call.

Note: The interval between two call attempts varies.

The following options are available.

Off: the number is not redialled.

On: the number is redialled automatically.

Active Folder

With the Active Folder feature, the voice dial or voice command mode can be activated automatically each time you open the phone.

The following options are available.

Off: this feature is turned off. The voice dialling and voice command modes must be activated manually via the corresponding menu; for further information, refer to page 77 and 79 respectively.

Voice dial: the voice dial mode is activated when you open the phone.

Voice command: the voice command mode is activated when you open the phone.

Note: When you use the ear-microphone, you can use the Voice Dial or Voice Command features by pressing the button on the ear-microphone.

Side Key

This menu option allows you to set the function of the volume keys on the left side of the phone when you receive an incoming call.



The following options are available.

Reject: the incoming call is rejected when you hold down the volume keys.

Silence: the ring tone is silenced but the call is not rejected when you hold down the volume keys.

Reset Settings

This menu option allows you to reset your phone to its default configuration. You can reset the sound settings, phone settings or all settings together.

When you are asked to confirm your choice, press the  soft key. To exit the function without resetting the settings, press the  soft key.


Organiser


The Organiser feature enables you to:

- View the calendar and/or write a memo or to do list
- Set the current date and time, and find out what time it is in various cities around the world
- Set the alarm so that the phone rings at a specific time
- Use your phone as a calculator, unit convertor, timer or stopwatch


New Memo

This menu option allows you to create a new memo.

Note: You can also access this menu by holding down the  key in idle mode.

1. Write your memo of up to 100 characters and press the  soft key.

For further information on how to enter text, see page 37.



2. Select the category of the memo to be saved and press the  soft key.




Scheduler: general schedule events, such as appointments or meetings.


To-do list: tasks you need to do. They are saved in the to do list.






Call: calls you need to make.

Anniversary: anniversaries to be remembered, such as wedding anniversaries, birthdays or other special days.

- 3. Select the required day on the calendar by pressing the navigation keys. Press the  soft key.
- 4. If applicable, depending on the category selected, enter the required time and press the  soft key.

If you have selected the 12-hour time format (see page 100), select AM or PM by pressing the  or  key and then press the  soft key.
- 5. To set an alarm for the memo, press the Yes soft key.





Otherwise, press the No soft key. The memo is saved. Go to Step 8.
- 6. Enter the time for the alarm and press the  soft key.


If you have selected the 12-hour time format (see page 100), select AM or PM by pressing the  or  key and then press the  soft key.
- 7. Select the required tone for the alarm and press the  soft key.
The memo is saved.
- 8. Press the /Ⓢ key to exit.

Calendar

The calendar helps you to keep track of schedules, calls that you need to make, tasks that you need to do and anniversaries. You can set the phone to ring when the set date for a schedule is reached.

Consulting the Calendar

To...	Then...
Select a day	Press the (and) keys.
Select a week	Press the  and  keys.
Move to the previous or next month	Hold down the  or  key.
Move to the previous or next year	Hold down the (or) key.

The following options are available when you press the  soft key on the Calendar display.

Add memo: allows you to add a new memo on the selected day.

Go to date: allows you to enter a particular date and then schedule an event on that date.


View all: shows the events that you have scheduled.

Delete day: deletes the scheduled event on the selected day.


Delete all: deletes all the events that you have scheduled.

Creating a New Memo

1. Select the required date in the calendar, referring to page 95.

2. Write your memo of up to 100 characters and press the  soft key.

For further information on how to enter characters, see page 37.

3. When you press the  soft key, you can select a memo type. Four types are available.





Scheduler: general schedule events, such as appointments or meetings

To-do list: tasks you need to do

Call: calls you need to make


Anniversary: anniversaries to be remembered, such as wedding anniversaries, birthdays or other special days

4. Follow the procedure from Step 4 on page 94 onwards to save the memo.

A date that has a memo associated with it is highlighted in a box. If you select a date for which events have already been scheduled, the number of memos of each type is shown in the bottom right corner of the calendar:  for general schedule events,  for tasks,  for calls and  for anniversaries.

Press the  soft key to view the memos.

If you have created more than one memo on the same day, you can scroll to the required event by pressing the **(** or **)** key.

The following options are available when you press the  soft key.

Add: allows you to add a new memo. For further information on how to add a memo, see page 93.

Delete: allows you to delete the current memo.

Edit: allows you to edit the current memo.



Move: allows you to move the current memo to a different date.


Copy: allows you to copy the current memo to a different date.


To-Do List

This menu allows you to view a list of tasks.

To create a new memo of the To-do list type, refer to page 93. When you are asked to specify the memo type, select To-do list.



Once you have defined a task, it is listed with a status mark ( for Done or  for Not Done) within the To-do list menu.



To scroll to a specific task, press the **—** or **—** key, and press the  soft key. The task is displayed with the deadline, alarm setting, job details and status mark.



- The following options are available when you press the  soft key.
- Add: allows you to add a new task. For details about adding To do list-type memos, see page 93.
 - Mark: allows you to change the status mark.
 - Edit: allows you to edit the contents of the current task.
 - Move: allows you to move the current task to a different date.
 - Copy: allows you to copy the current task to a different date.
 - Delete: allows you to delete the current task.
 - Delete all: allows you to delete all tasks from the list.

Clock

- This option allows you to change the current time and date displayed. You can also check the current time for Greenwich Mean Time (GMT) and 21 major cities around the world.
- The following options are available.
- Set time:** allows you to enter the current time. You can choose the time format via the Set format menu option.
 - Note:** Before setting the time, you must specify your time zone, via the **World time** menu option.
 - Set date:** allows you to enter the day, month and year. You can change the date format via the Set **format** menu option.

- World time: allows you to check the current time in 21 major cities around the world. Scroll through the cities using the ( or ) key.
- The screen shows the:
- City name
 - Current date and time
 - Time difference between the selected city and your city if you have set the local time (see below for further details) or GMT (by default)

- To select your time zone, proceed as follows.
1. Select the city corresponding to your time zone by pressing the ( or ) key one or more times.
The local date and time are displayed.
 2. Press the **Set** soft key.

3. To...	Select...
Update the current date/time with this new setting	Set local.
Indicate that the time zone is currently using the daylight saving time	Set DST. The  icon is shown next to the time difference.
Indicate that the time zone is no longer using the daylight saving time	Remove DST (only available when the  icon is shown next to the time difference).

Set format: allows you to change the time and date formats.

Time format: 24 hours
12 hours


Date format: DD/MM/YYYY (day/month/year)
YYYY/MM/DD (year/month/day)


Alarm


This option allows you to set the alarm to ring at a specific time. You can set up to two alarms.

To set an alarm, proceed as follows.

1. Select Alarm1 or Alarm2 by pressing the  or  key and press the  soft key.

The  icon means that no alarm is currently set.

The  icon means that an alarm has already been set.

2. Press the  soft key.
3. Select the required option and change the setting.



Alarm time: enter the required time.


Alarm day: check the required day(s) of the week by pressing the Select soft key. If you want to set a daily alarm, select Everyday. To remove the check mark, press the Select soft key again.

Alarm tone: select the required melody.




Saved: saves the changed settings.

Remove alarm: deactivates the alarm.

4. Repeat Steps 2 and 3 to change each setting.
5. When you have finished, select Saved from the options list and press the  soft key.
6. Press the /⓪ key to exit.

Once an alarm has been set, you can see the Alarm icon () on the top line of the display. To stop the alarm when it rings, open the phone or press any key.

To set the alarm to ring even if your phone is switched off, proceed as follows.

1. Scroll to Auto power in the Alarm list, and press the  soft key.
2. If necessary, press the  or  key to select On.

To turn the Auto Power feature off, select Off.

3. Press the  soft key to save the setting.


Once you have activated the auto power alarm, a check mark appears to the left of Auto power. If the phone is switched off at the specified alarm time, it automatically switches on and rings the alarm. It then automatically switches off again.



Calculator

You can use the phone as a 9-digit calculator. The calculator performs basic arithmetic functions, such as addition, subtraction, multiplication, division and percentages.

To perform a calculation, proceed as follows.

1. Enter the first figure using the number keys.










Note: To erase any mistakes or clear the display, press the  key.

2. Press the  key to enter a decimal point (.) or the  key to enter the appropriate arithmetic symbol: + (add), - (subtract), * (multiply), / (divide), % (percentage), (or).
3. Enter the second figure.
4. Repeat Steps 2 and 3, if necessary.
5. Press the Equal soft key to get the result.
The result appears in the Answer box.

Conversion

This menu option allows you to convert from one type of unit to another.

To convert a value, proceed as follows.


1. Select the type of conversion to be performed from Currency, Length, Weight, Volume, Area and Temperature, and press the  soft key.
2. Enter the value to be converted and press the  key to move to the From field.
3. Select the original unit by pressing the ( or ) key and press the  key to move to the To field. Refer to the table on the following page for the units available.
4. Select the required unit by pressing the ( or ) key.
5. Press the  soft key or the  key to view the result.
The result appears in the Answer box.

Units Available

Type	Units		
Currency	EUR	DEM	ITL
	FRF	ESP	NLG
	ATS	BEF	FIM
	PTE	GRD	IEP
	LUF		
Length	mm	cm	m
	km	in	ft
	yard	mile	
Weight	g	kg	ton
	grain	oz	pound
Volume	cm ³	m ³	l
	in ³	ft ³	yd ³
	gal		
Area	cm ²	m ²	a
	in ²	ft ²	yd ²
	acre		
Temperature	°C	°F	

Timer

Using the Timer feature, you can set the phone to sound an alarm after a certain time.

1. Press the Set soft key.
2. Enter the length of time you wish to count down in hours and minutes and press the  soft key.
3. Press the Start soft key to start counting down.

Even if you exit the Timer screen, the timer will continue running. After the specified time has expired, the phone informs you by playing a melody and displaying a text notification. To stop the timer melody when it rings, open the phone or press any key.

To stop the timer before the end, press the Stop soft key on the Timer screen.

Note: The timer uses power from the battery; consequently, the phone's operating time will be reduced.





Stopwatch

The stopwatch can be used to measure times for various sports.

Example: Running or swimming races.

Up to four stopwatches can be used.

The precision of the stopwatch is one hundredth of a second. The maximum measurement time is 10 hours.

1. To start the stopwatches, press the  soft key.
2. When you wish to stop the first stopwatch, press the  soft key. Repeat this step for the other stopwatches.
3. Press the Reset soft key to reset the watches.
4. Press the  or /☎ key to exit.



Network Services

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

Call Diverting

Note: The call divert options may be different depending on your SIM card and those not supported by your network operator may not be shown.

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

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



Call diverting can be set up in the following ways.

Divert always: all calls are diverted.

Busy: calls are diverted if you are already making another call.

No reply: calls are diverted if you do not answer the phone.

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

Unavailable: calls are diverted if you are not available, for example, when you are busy, do not answer or cannot be reached.

Cancel all: all call diverting options are cancelled.







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



- Voice calls only
- Fax calls only (not available when line 2 is in use)
- Data calls only (not available when line 2 is in use)

Example: You can:

- Systematically divert fax calls to your office fax machine
- Divert voice calls to your colleague if you are already using the phone

Setting Call Diverting Options

1. Select the type of call diverting required by pressing the  or  key and then press the  soft key.
2. Select the type of calls to be diverted by pressing the  or  key and then press the  soft key.
3. Press the **Activate** soft key to confirm your settings.
4. Enter the number to which the calls are to be diverted.

To enter an international code, hold down the  key until the + sign is displayed. You can also select a number in the phonebook or the voice server number, by pressing the  soft key, followed by **Phonebook** or **Voice server**.

5. When you are satisfied, press the  key.

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

Deactivating Specific Call Diverting Options

1. Select the call diverting option to be deactivated.
2. Select the type of calls to which this option applies.
3. Press the **Remove** soft key.

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

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

Call Barring

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

Call barring can be set up in the following ways.

All outgoing: calls cannot be made.

International: international calls cannot be made.

International except to home: when abroad, calls can be made only to numbers within the current country and to your home country, that 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 your home service area.

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

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

- Voice calls only
- Fax calls only (not available when line 2 is in use)
- Data calls only (not available when line 2 is in use)

Setting Call Barring Options

1. Select the type of call barring required by pressing the  or  key and then press the  soft key.
2. Select the type of calls to be barred by pressing the  or  key and then press the  soft key.
3. Press the **Activate** soft key to confirm your settings.
4. Enter your call barring password supplied by your service provider.

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

Deactivating Specific Call Barring Options

1. Select the call barring option to be deactivated.
2. Select the type of calls to which this option applies.
3. Press the **Remove** 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 is displayed.

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

Change barring password: you can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one. Once you have entered a new password, you are asked to confirm it by entering it again.




Call Waiting

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

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

- Voice calls only
- Fax calls only (not available when line 2 is in use)
- Data calls only (not available when line 2 is in use)

Activating the Call Waiting Feature

1. Select the type of calls to which the call waiting option is to be applied by pressing the  or  key and then press the  soft key.
2. Press the **Activate** soft key to confirm your settings.

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

Deactivating Specific Call Waiting Options

1. Select the type of call to which the option applies.
2. Press the **Deactivate** soft key.

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




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

Network Selection

The Network Selection feature enables you to control whether the network used when roaming (outside your home area) is selected automatically or manually.




Note: You can select a network other than your home network only if it has a valid roaming agreement with your home network.

To indicate whether the network is to be selected automatically or manually when roaming, proceed as follows.

1. Press the  or  key until the appropriate option is highlighted and press the  soft key.

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

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

2. Press the  or  key until the preferred network is highlighted and press the  soft key.

You are connected to that network when roaming.

Caller ID

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

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

The following options are available.

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

Hide number: your number is not displayed on the other person's phone.

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

Active Line

Some SIM cards may be used with two subscriber numbers. This function is available only if your SIM card supports it.

This menu option allows you to select the line to be used to make calls. However, calls can be answered on both lines, regardless of the selected line. When you select a line, the line number appears as an indicator after the operator/service provider's name.


If you select the Manual option, you can choose a line whenever you use the auto-redialling, call barring, call diverting or call waiting functions.

Closed User Group (CUG)

This network service allows incoming and outgoing calls to be restricted to a selected user group. You may be a member of up to 10 user groups. For details on how to create, activate and use a closed user group, contact your service provider.

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







Activating a Closed User Group

When you select the **Closed user group** menu option, you are asked if you want to activate the CUG function. Press the  soft key to confirm.

You can now access the following options.

Deactivate: deactivates the CUG function.

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

To...	Press the...
Scroll through the existing CUG indexes	 or  key.
Add a new CUG index	 soft key, select Add and enter the index.
Delete a CUG index	 or  key to select the index you want to delete, press the  soft key and select Delete.

Outside access: enables you to allow or prohibit calls to numbers other than those nominated for the Closed User Group. This feature depends on the nature of your CUG subscription. Please check with your service provider.

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

Fun Box

The Fun box menu contains several fun options:

- WWW Browser
- Games
- Media box

WWW Browser

Your phone comes equipped with a WAP (Wireless Application Protocol) Browser, making it possible for you to access the Wireless Web.

The WAP Browser allows you to:

- Access up-to-the-minute information via your phone
- View specially designed text versions of popular Internet sites

Browsing the Wireless Web using your phone is unlike using your computer, in that site providers have:

- Selected only the critical aspects of their site for wireless phone users
- Removed most graphics

Each time you start the WAP Browser, the phone connects to the Wireless Web and the service indicator icon (📶) appears on the display to inform you that you are:

- Connected to the Wireless Web
- Will be billed accordingly (rates vary according to your service option)

The WAP Browser ends the network connection after a certain period of inactivity and automatically reconnects as necessary. For this reason, you may find that you are billed for several network connections within a single session. This is normal and is designed to minimise your bill.

Home

When you select this menu option, the phone connects to the network and loads the homepage of the Wireless Web service provider.

Once connected, the homepage is displayed. The content depends on the service provider.

Note: To launch the browser from the idle mode, press the **z** key.

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

To exit the browser, press the **⏏/ⓧ** key at any time. The phone returns to the idle mode.

Bookmark

This menu option allows you to store the URL addresses of up to 30 of your favourite Web sites. You can access this menu directly by holding down the **ⓧ** key while using the WAP Browser.

To store a URL address, proceed as follows.

1. Select an empty location and press the **Add** soft key.
2. Enter the address and press the **ⓧ** soft key.
For further information on how to enter text, see page 37.
3. If necessary, change the title and press the **ⓧ** soft key to save your input.

Once you have stored the addresses, three sub-menus are available when you press the **ⓧ** soft key.

Go to URL: allows you to access the site directly.

Remove: allows you to delete the selected bookmark.

Edit: allows you to edit the address and title of the bookmark.

Go to URL

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

Enter the URL address and press the **ⓧ** soft key.

Clear Cache

This menu option allows you to clear the information stored in the cache (the phone's temporary memory used to store the most recently accessed Web pages).

Browser Setting

This menu option allows you to:

- Set up the proxy servers
- Choose one of the proxy servers to be used when accessing the Wireless Web


Proxy setting: allows you to set up seven proxy servers for the WAP Browser. For each proxy, the following options are available.

Name: name of the HTTP proxy server.

WDP address: WDP address required to connect to the Wireless Web.

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

Home URL: address of your startup homepage.

When the default homepage is displayed, you can delete it using the  key and enter your own choice.

Dial number: PPP server phone number.

Login: PPP server login ID.





Password: PPP server password.

Network type: network type. Select V32 Transparent, V32 Non-transparent, V110 Transparent or V110 Non-transparent.

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


Current proxy: allows you to activate one of the proxies set up.

Navigating the WAP Browser

To...	Then...
Scroll through and select browser items	Press the  or  key until the required item is highlighted, and then press the  soft key.
Select a numbered item	Press the corresponding numeric key.
Return to the previous page	Press the  soft key.
Return to the startup homepage	Select the Home browser option; for more information on this option, refer to page 118.

Entering Text, Numbers or Symbols

When you are prompted to enter text, the current text input mode appears above the right soft key: abc/Abc/ABC, NUM or SYM 1 ~ 4. To change the mode, press the right soft key until the required mode is displayed.

abc/Abc/ABC: allows you to enter lower-case and upper-case letters. You can change cases by pressing the  key.








SYM1 ~ 4: allows you to enter various symbols and punctuation marks. To view more symbols, press the More soft key.

NUM: allows you to enter numbers.

Using the WAP Browser Menu

There are various menu options available when surfing the Wireless Web.

To access the WAP Browser menu, proceed as follows.

1. Press the  key.
A list of options appears.
2. Highlight the required option using the  or  key.
3. Press the  soft key to select the option.
4. If necessary, select the secondary option by pressing the  or  key, followed by the  soft key.

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

The following options are available.

Reload: reloads the current page.

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

Bookmarks: allows you to load a bookmarked Web page directly.

Mark Site: adds the current page to your bookmark list.

About Phone.com: shows the version of the WAP Browser.

Advanced...: gives you access to the following advanced features. Some features may not be supported by your network operator.

Show URL: shows the URL of the current page.

Homepage: moves to the homepage.


Offline Services: allows you to copy and save Web pages so that you can view them, even if the network is down.

Outbox: stores outgoing requests from the browser so that they can be processed at a later date.

Restart UP:Browser: clears the cache memory and displays the homepage.

Encryption: allows you to check and generate the security key required to contact a server.

Using the WAP Browser Options

Several options are available when you are surfing the Wireless Web. To access these options, press the  key once connected to the Wireless Web.

Go to URL: allows you to manually enter the URL address of the site that you wish to access.

Bookmarks: allows you to use the Bookmark menu option. For details, refer to page 118.




Message Services: allows you to read or write an SMS message.

Phonebook: allows you to use the phonebook option.

Media Box: allows you to download an image or melody into the media box.

Games

Using this menu option, you can also enjoy playing three games.

Scroll to the required game by pressing the  or  key and press the  soft key.



To select an option, press the corresponding number key. The following options are available.

New Game: allows you to start a new game.

High Score: shows you the High Score table. Not all games have this option.

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

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

While you are playing a game, to...	Press the...
Adjust the game volume	Volume keys.
Pause/resume the game	 key.
Exit the game	 key.

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

Fortress

The goal of the game is to defend the earth against UFOs. You can check for the appearance of UFOs in the radar at the bottom of the screen. Each level is completed if you manage to defend the city without running out of time or energy. You can monitor your energy and remaining time to the left and right of the radar.

When the start screen appears, press any key to start the game. You will see a map of the earth. The 'V' mark mean you have already defended that city.

Key Commands

- 2: move up
- 8: move down
- 4: move left
- 6: move right
- 5: shoot

Space War

Space War is an arcade board game. It requires patience and discretion. The aim is to remove about 80% of the background while avoiding the mushroom bombs in order to progress to the next stage.

When the start screen appears, press any key to start the game.




Key Commands

2: move up
4: move left
6: move right
8: move down
5: stop

Air Shooting

The goal of the game is to fly a fighter plane to its destination. There are three stages, each stage is harder than the previous and the weapons get more powerful with each stage.

When the start screen appears, press any key.

Press  or  to select a player and press  to start a game.

Key Commands

1: move up
4: move left
5: move right
7: move down
6: launch a missile
9: drop a bomb

Media Box

You can view the images and melodies available in your phone.

The following options are available.

Image: allows you to view the images received from other sources, such as the Internet or other phones. To delete the displayed image, press the left soft key.

Melody: allows you to listen to the melodies received from other sources, such as the Internet or other phones. When a melody is played, press the Delete soft key to delete it.

Delete all: deletes all images and melodies in the media box.

Additional Services

ALS (Alternate Line Service)

Note: Please contact your service provider to check the availability of this feature and how to subscribe to ALS.

The ALS feature enables two lines to be associated with one SIM card. Consequently, you can make and receive calls on either line. If you subscribe to this network service, a few additional menu options enable you to set up this feature.

Selecting a Line

You can select a line for each call via the Active line menu option. For further details, refer to page 114.

Editing the Line Name

You can edit the name of each line via the Own number menu option.

When you edit the name of a line, this name replaces “Line 1” or “Line 2”, as applicable. For further details, refer to page 55.

Setting the Ring Type

To distinguish between incoming calls on the two lines, you can select a different ring tone for each line via the Incoming calls menu option. See page 81 for further details.

Setting Call Diverting Options

You can set up call diverting via the Call diverting menu option. This service reroutes incoming calls on the line of your choice to a specified number. For further details, see page 107.

Viewing Call Information

You can view call times and last call cost information for each line. For further details, see pages 75 and 76.

Solving Problems

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

When you switch your phone on, the following messages appear

Insert SIM Card

- Check that the SIM card is correctly installed.

Enter PIN

- You are using your phone for the first time. You must enter the Personal Identification Number supplied with the SIM card.
- The option requiring that the PIN be entered each time the phone is switched on was enabled. You must enter your PIN and then disable this option if so required.


Enter PUK

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


"No service" is displayed

- The network connection was lost. You may be in a weak reception 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 (Mute appears)?
- Are you holding the phone close enough to your mouth? The microphone is located on the bottom right of the phone.

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

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

The audio quality of the call is poor

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

No number is dialled when you recall a phonebook entry

- Check that the numbers have been stored correctly, by using the Phonebook Search feature.
- Re-store them, if necessary.

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

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

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

Reference Information




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.

The access codes (except for the PUK and PUK2 codes) can be changed using the Security menu option. See page 88 for further details.




PIN

The PIN (Personal Identification Number) protects your SIM card against unauthorised use. It is usually supplied with the SIM card. When the PIN Check feature is enabled (see page 88), you must enter the PIN each time you switch on the phone.

If you key in an incorrect PIN three times in succession, key in the PUK and press the  soft key to unlock the phone. Key in a new PIN and press the  soft key. Key in the new PIN again and press the  soft key.

PIN2

The PIN2, supplied with some SIM cards, is required to access some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

If you key in an incorrect PIN2 three times in succession, key in the PUK2 and press the  soft key to unlock the phone. Key in a new PIN2 and press the  soft key. Key in the new PIN2 again and press the  soft key.

PUK

The PUK (Personal Unblocking Key) is required to change a blocked PIN. The PUK may be supplied with the SIM card. If not, contact your local service provider.

If you key in an incorrect PUK ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK. If you lose the code, contact your service provider.

PUK2

The PUK2, supplied with some SIM cards, is required to change a blocked PIN2.

If you key in an incorrect PUK2 ten times in succession, you cannot use the functions requiring the PIN2. Contact your service provider for a new card.

You cannot change the PUK2. If you lose the code, contact your service provider.

Call Barring Password

The 4-digit call barring password is required when you use the Call Barring function. You obtain the password from your service provider when you subscribe to this function.

Health and Safety Information

Exposure to Radio-Frequency 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 one gram 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.

Before a new model phone is available for sale to the public, compliance with the European R&TTE Directive must be shown. This directive includes as one of its essential requirements the protection of the health and safety of the user and any other person.

Precautions When Using Batteries

Your phone is powered by a rechargeable Li-ion standard battery.

- 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 times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time 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 back of 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-circuit.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road Safety

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

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

1. Get to know your wireless phone and its features, such as speed-dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an extra layer of convenience and safety to your wireless phone with one of the many hands-free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.

5. Do not take notes or look up phone numbers while driving. Jotting down a to do list or flipping through your phonebook takes your attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car is stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make the people with whom you are talking aware that you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial the emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see a car accident, crime in progress or other serious emergency where lives are in danger, call the emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or any other special non-emergency wireless number.

Operating Environment

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

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

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

Electronic Devices

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

Pacemakers

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

Persons with pacemakers:

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

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

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

Emergency Calls

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

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

To make an emergency call, 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 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 will corrode electronic circuits.
- Do not touch the phone with wet hands while it is charging. Doing so may give you an electric shock or damage 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.
- 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 take full advantage of the features of your mobile phone, here are a few definitions.

Active Folder

Ability to voice dial or submit a voice command immediately on opening the phone.

ALS (Alternate Line Service)

Capability of associating two lines with one SIM card. With this service, you can make and receive calls on either line, as required.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

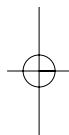
Ability to reroute calls to another number.

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

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



CLI (Caller Line Identification) Services

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

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.

Multiparty Calling

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

PIN (Personal Identification Number)

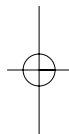
Security code that protects the phone/SIM against unauthorised use. The PIN is supplied by the service provider with the SIM card. It may be a four to eight-digit number and can be changed, as required.

PUK (PIN Unblocking Key)

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

Roaming

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





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.

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






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SGH-A800 GSM Telephone

Quick Reference Card

Access the Menu Functions	<ol style="list-style-type: none"> Press the  soft key in idle mode. Scroll with the ( or ) key through the main menus until you reach the required menu. Scroll with the  or  key through the list of options until the required option is selected. Press the  soft key to confirm. 	<ul style="list-style-type: none"> Each of the two soft keys ( and ) performs the function indicated by the text above it (bottom line in the display).
Switch On/Off	Press and hold down the  key. (Direct Call) ① Key in the number: ② Press the  key. (Voice Dial) Provided that the name is recorded and the Active folder menu option is set to Voice dial : ① Open the phone. ② Say the name.	Press the  key.
Make a Call		End a Call



Declaration of Conformity (R&TTE)

For the following product :

GSM TELEPHONE SGH-A800

(Product name)

SGH-A800

(Model Number)

Manufactured at :

- Samsung Electronics 94-1 Insu-Dong, Gumi City, Kynug Buk, Korea, 730-350
- Samsung Electronics Iberia, S.A. Pol. Ind. Riera de Caldes, Via Augusta, n-10
08184 Palau de Plegamans, Barcelona, Espana

(factory name, address)

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[IV] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KT12 4RQ, UK
Identification mark: 168

The technical documentation kept at :

Samsung Electronics Euro QA Lab.

which will be made available upon request.
(Manufacturer)

Samsung Electronics Co.,Ltd.
Suwon P.O.Box 105
Kyungh-Do, Korea 440-600
2001.02.28

(place and date of issue)


JUNGKWAN CHOI / S. Manager

(name and signature of authorized person)












(Representative in the EU)












Samsung Electronics Euro QA Lab.
Blackbushe Business Park,Saxony Way,
Yateley, Hampshire, GU46 6GG, UK
2001.02.28

(place and date of issue)


In-Seop Lee / Manager

(name and signature of authorized person)

Answer a Call	Open the phone or Press the  key.	Store Numbers in the Phonebook	① Key in the number. ② Press the Save soft key. ③ Select the memory type. ④ Enter the name. ⑤ Press the Save soft key. ⑥ Select the category. ⑦ Press the Save soft key.
Adjust the Volume	Press the volume keys on the left side of the phone.		
Redial the Last Number	Press the  key twice.		
Speed-Dial	In idle mode hold down the appropriate key ( to ).	Search for a Number in the Phonebook	① Press the  soft key in idle mode. ② Select Find name or Find number. ③ Enter a name or number. ④ Press the View soft key. ⑤ Press the ( or ) key, if necessary. ⑥ Press the  key to dial.
Dial a Number in Your SIM Card	Enter the SIM location, press  followed by  .		
Listen to Your Voice Mail	Press the  key.		

Answer a Call	Open the phone or Press the  key.	Store Numbers in the Phonebook	① Key in the number. ② Press the Save soft key. ③ Select the memory type. ④ Enter the name. ⑤ Press the Save soft key. ⑥ Select the category. ⑦ Press the Save soft key.
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Dial a Number in Your SIM Card	Enter the SIM location, press  followed by  .		
Listen to Your Voice Mail	Press the  key.		

Declaration of Conformity (R&TTE)

For the following product :

DUAL BAND GSM TELEPHONE

(Product name)

SGH-A800

(Model Number)

Manufactured at :

- Samsung Electronics 84-1 Jassi-Dong, Gumi City, Kyung Buk, Korea, 730-350
- Samsung Electronics Iberia, S.A. Pol. Ind. Riera de Caldes, Via Augusta, n°10
08184 Palau de Pícamans, Barcelona, Espana

(factory name, address)

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

Safety : EN 60950:1992/A4 and A11:1997
EMC : EN 301 489-01 (07-2000)
EN 301 489-07 (09-2000)
SAR : EN 50360:2001
Network : EN 301 419-01 V4.1.1 (04-2000)

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex(I) of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KT12 4RQ, UK
Identification mark: 168

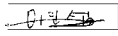
The technical documentation kept at :

Samsung Electronics Euro QA Lab.

which will be made available upon request.

(Representative in the EU)

Samsung Electronics Euro QA Lab.
Brooklands Business Park, Savoy Way,
Vauxley, Hampshire, GU40 6GG, UK
2002.07.24


In-Seop Lee / S. Manager

(place and date of issue)

(name and signature of authorized person)