

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



DUAL BAND GSM TELEPHONE SGH-T408

OWNER'S MANUAL



Printed in Korea
Code No.: GH68-03287A
Eng. 12/2002. Rev.1.0



Contents

Important Safety Precautions	5
Unpacking	7
Your Phone	8
Phone Layout	8
Display	11
Service Light	14
Getting Started	15
Installing the SIM Card and the Battery	15
Charging a Battery	17
Switching the Phone On/Off	21
Using the Ear-Microphone	22
Call Functions	23
Making a Call	23
Adjusting the Volume	25
Answering a Call	26
Viewing Missed Calls	27
In-Call Options	29
Phonebook	36
Storing a Phone Number with a Name	36
Using the Phonebook Options	38
Speed-Dialling by SIM Memory Location	41
Searching for and Dialling a Number in the Phonebook	42
Dialling a Number Using the Service Directory or Information Numbers	43

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.

Contents (continued)

Entering Text	44	Tones	82
Changing the Text Input Mode	45	Ring Tone (<i>Menu 4-1</i>)	82
Pinyin Mode	46	Melody Composer (<i>Menu 4-2</i>)	84
Chinese Stroke Mode	50	Ring Volume (<i>Menu 4-3</i>)	86
Quick English Mode (<i>T9 Mode</i>)	53	Alert Type (<i>Menu 4-4</i>)	86
English Mode	55	Keypad Tone (<i>Menu 4-5</i>)	87
Number Mode	57	Message Tone (<i>Menu 4-6</i>)	88
Symbolic Mode	57	Power On/Off (<i>Menu 4-7</i>)	88
Selecting Functions and Options	58	Error Tone (<i>Menu 4-8</i>)	89
Using the Menus	60	Minute Minder (<i>Menu 4-9</i>)	89
Menu Structure	61	Connect Tone (<i>Menu 4-10</i>)	89
Call Records	64	Settings	90
Missed Calls (<i>Menu 1-1</i>)	64	Phone Settings (<i>Menu 5-1</i>)	90
Received Calls (<i>Menu 1-2</i>)	64	Network Services (<i>Menu 5-2</i>)	96
Dialled Calls (<i>Menu 1-3</i>)	65	Security Settings (<i>Menu 5-3</i>)	106
Call Time (<i>Menu 1-4</i>)	65	LCD/LED Settings (<i>Menu 5-4</i>)	109
Call Cost (<i>Menu 1-5</i>)	66	Browser Settings (<i>Menu 5-5</i>)	111
Messages	67	Organiser	112
Voice Mail (<i>Menu 2-1</i>)	67	Scheduler (<i>Menu 6-1</i>)	112
Read Messages (<i>Menu 2-2</i>)	69	Alarm (<i>Menu 6-2</i>)	114
Write Messages (<i>Menu 2-3</i>)	70	Calculator (<i>Menu 6-3</i>)	116
Preset Message List (<i>Menu 2-4</i>)	71	To Do List (<i>Menu 6-4</i>)	118
Setup (<i>Menu 2-5</i>)	72	Calendar (<i>Menu 6-5</i>)	119
Broadcast (<i>Menu 2-6</i>)	73	World Time (<i>Menu 6-6</i>)	120
Picture Messages (<i>Menu 2-7</i>)	74	Clock (<i>Menu 6-7</i>)	121
Voice Functions	76	Conversion (<i>Menu 6-8</i>)	122
Voice Dial (<i>Menu 3-1</i>)	76	Timer (<i>Menu 6-9</i>)	124
Voice Command (<i>Menu 3-2</i>)	79	Stopwatch (<i>Menu 6-10</i>)	125
Voice Memo (<i>Menu 3-3</i>)	79		
AnswerPhone (<i>Menu 3-4</i>)	81		

Contents (continued)

Games	126
Bowling (<i>Menu 7-1</i>)	127
Speed Up (<i>Menu 7-2</i>)	127
Honey Ball (<i>Menu 7-3</i>)	128
Fun Box	130
Melody (<i>Menu 8-1</i>)	130
Image (<i>Menu 8-2</i>)	131
Fun Club (<i>Menu 8-3</i>)	131
WWW Services (<i>Menu 8-4</i>)	132
Gift Box (<i>Menu 8-5</i>)	133
SFC Setting (<i>Menu 8-6</i>)	134
Navigating with the WAP Browser	134
Entering Text, Numbers or Symbols	136
Network Connection Information	137
Additional Services	138
ALS (Alternate Line Service)	138
Solving Problems	140
Reference Information	143
Access Codes	143
Health and Safety Information	146
Glossary	158
Quick Reference Card	163

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 146.

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 could affect their performance.

Special Regulations

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

Sensible Use

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

Accessories and Batteries

Use only Samsung-approved accessories and batteries.

Qualified service

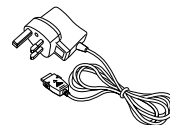
Only qualified service personnel may install or repair your phone.

Unpacking

Your package contains the following items.



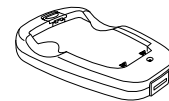
Phone



Travel Adapter



Batteries



Battery Charger



Wearable
Ear-microphone



Hand Strap



Owner's
Manual

Your Phone

Phone Layout

The following illustrations show the main elements of your phone.

Open View



Volume

During a call, adjust the earpiece volume. In idle mode with the phone open, adjust the key volume. When held down with the phone closed, reject an incoming call.

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.

Key Description (continued)

Deletes characters from the display.



In idle mode, launches the WAP Browser directly.



Makes or answers a call.

In idle mode, recalls the last number dialled, received or missed.

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 idle mode.



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



Enter numbers, letters and some special characters.



Used for various purposes in different functions.



When held down while entering a number,

enters a pause.

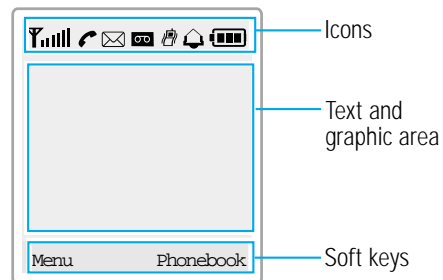
When held down in idle mode,

activates/deactivates the silent mode.

Display

Display Layout

The display comprises three areas.



Area	Description
First line	Displays various icons (see page 12).
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 the phone can not find a signal.



Appears when a new text message has been received.



Appears when a new voice mail message has been received.



Appears when the vibrate mode is on; the phone vibrates rather than rings when you receive a call.



Appears when you set an alarm.



Shows the level of your battery. The more bars you see, the more power you have left.

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** option set in the **Phone Settings** menu. 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 92 for further details.

External Display

Your phone has an external display on the cover, showing the signal strength and battery strength. It indicates that you have an incoming call or message, notifies you of any missed calls, indicates whether the vibrate and Silent mode are on 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.

Service Light

The service light is in the top right-hand corner of the phone. It flashes when services are available on the phone.


To activate or deactivate use of the service light, set the **Service Light** menu option ; see page 93 for further details.

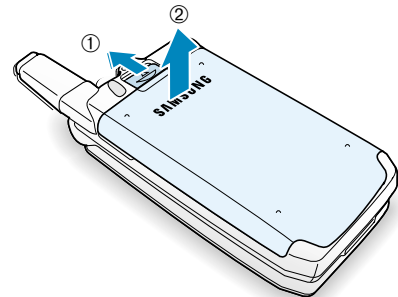


Getting Started

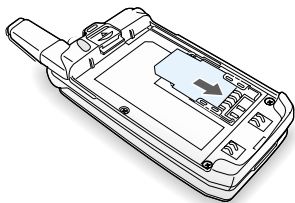
Installing the SIM Card and the Battery

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.

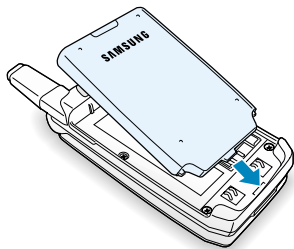
- Keep all miniature SIM cards out of the reach of small children.
 - The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
 - Before installing the SIM card, always make sure that the phone is switched off before you remove the battery.
1. If necessary, switch off the phone by holding down  until the closing animation is displayed.
 2. Push the catch above the battery on the back of the phone and hold it in this position. Lift the battery away.



3. 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.



4. Place the battery back on the phone. First insert the teeth on the bottom of the battery into the corresponding slots, then 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.



Charging a 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 160 minutes.

Using the Battery Charger

Using the battery charger, you can charge the battery alone.

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

4. 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 or the adapter is not plugged in correctly. Check the battery and adapter.

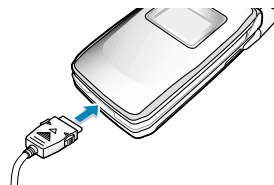
5. To remove the battery, push and hold the catch above the battery charger and lift the battery away.

Insure that the charger has been disconnected from the wall outlet before removing the battery.

Using the Travel Adapter

The phone can be used while the battery is charging.

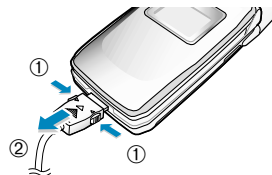
1. Connect the travel adapter connector into the bottom of the phone. Check that the arrow on the lead connector is facing towards the front of the phone.




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

When the battery is charging, the battery icon in the top right-hand corner of the display fills repeatedly.


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.

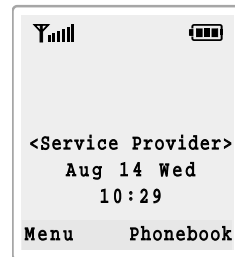


Low Battery Indicator

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 hear a warning tone and a message is repeated at regular intervals on the display. When the battery becomes too weak for the phone to operate, it switches off automatically.


Switching the Phone On/Off

1. Open the phone.
2. Hold down  until the phone switches on.
3. If the phone asks for a password, key in the password and press the **OK** soft key. The password is factory set to 0000. For further details, see page 143.
4. If the phone asks for a PIN, key in the PIN and press the **OK** soft key. For further details, see page 144.
When the phone has registered with an approved network provider, the idle screen, illustrated below, is displayed on the main and external displays.



External display

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 91.

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

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 above the volume keys, 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 94.



Call Functions

Making a Call


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

Note: If you have set the **Auto Redial** option to **ON** (see page 93) and the person called does not answer or the line is busy, the number is redialled automatically up to ten times.


Making an International Call

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

Correcting the Number

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

Ending a Call

When you have finished your call, briefly press .

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 36.





Voice Dialling

If you have set the **Active Folder** option to **Voice Dial** (see page 94), 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 76.

Redialling the Last Number

The phone stores the last 10 numbers dialled, received or missed. To recall any of these numbers, proceed as follows.

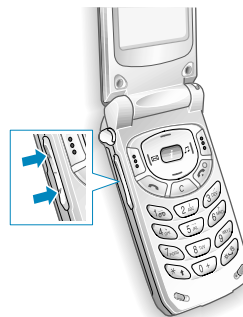
1. If there are any characters on the display, press  to return to the idle mode.

2. Access the list of numbers by pressing .
3. Use  or  to scroll through the list of numbers until the required number is highlighted.
4. To dial the number, press .

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  to increase and  to decrease the volume.





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


Answering a Call

When somebody calls you, the phone rings and the icon indicating the call is animated in the middle of the screen. If the caller can be identified, the caller's phone number or name, if stored in your phonebook, is displayed.

1. To answer a call, open the phone. If the phone is already open, press  or the **Accept** soft key.

If the **Any-key Answer** menu option is set to **ON**, you can press any key to answer a call, except for  and the **Reject** soft key (see page 92).

Note: To reject an incoming call, press the Reject soft key or . When the phone is closed, hold down the volume key on the left side of the phone.

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

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

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.

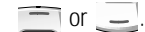
1. If the phone is closed, open it.
2. Press the **View** soft key.

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

3. **To...**

Then press...

Scroll through the missed calls





Call the number displayed




Edit or delete a missed call number



The **Options** soft key (see the following paragraphs).


Editing a Missed Call Number

1. Press the **Options** soft key.
2. Press the **Select** soft key.
3. Change the number as required. Press  or  to move back through the number.
4. **To...**

Call the number	
Store the number	The Save soft key and enter the name and location required (for further details, refer to page 36).

Deleting a Missed Call

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

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

Note: You can access the Missed Call feature at any time by selecting the **Missed Calls** menu option ; for further details, see page 64.

In-Call Options



Your phone provides a number of control functions that you can use during a call. To access these functions during a call, press the **Options** soft key.

Switching the Microphone Off (Mute)

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



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

To switch the microphone off temporarily, proceed as follows.

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

Your correspondent can no longer hear you.



To switch the microphone back on, proceed as follows.

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

Your correspondent can hear you again.

Searching for a Number in the Phonebook

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

1. Press the **Options** soft key.
2. Press  or  to highlight the **Phonebook** option.
3. Press the **OK** soft key.
4. Enter the first few letters of the name that you want to find and press the **Find** soft key.

Note: You can also scroll through the phonebook from the beginning, by pressing the **Find** soft key directly.

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

5. To review the highlighted entry, press the **View** soft key.


For a more detailed description of the Phonebook feature, refer to page 36.

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, press the **Options** soft key, and select the **Hold** option. 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  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 **Options** soft key and selecting the **Hold** option.
2. Make the second call in the normal way.

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


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


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

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 if you have activated the **Call Waiting** menu option ; see page 101. You will be notified of an incoming call by a call waiting tone.

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

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

To end a held call, press the **Options** soft key and select the **End held** option.
3. To end the current call, press .
Any held calls will automatically be reconnected to you.

Making a Multiparty Call

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




Setting Up the Multiparty Call

1. Call the first participant in the normal way.
2. Call the second participant in the normal way.
The first call is automatically put on hold.
3. To join the first participant to the multiparty call, press the **Options** soft key and select the **Join** option.
4. To add a new person to the multiparty call, call the person in the normal way. Then press the **Options** soft key and select the **Join** option.





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

Having a Private Conversation With One Participant

1. Press the **Options** soft key and choose the **Select One** option.
The list of call participants appears.

2. Highlight the required person, by pressing  or , and then press .
3. Select **Private**.
Now you can talk privately with that person. The other participants can continue to converse with each other.
4. To return to the multiparty call, press the **Options** soft key and select **Join**.
All the multiparty call participants can now hear each other.

Dropping One Participant


1. Press the **Options** soft key and choose the **Select One** option.
The list of call participants appears.
2. Highlight the required person, by pressing  or , followed by .
3. Select **Remove**.
The call is ended with that participant, but you can continue to talk with the other participants.
4. End the multiparty call by closing the phone or pressing .

Muting/Sending Key Tones

These options allow you to turn the key tones off or on. If the **Mute keys** option is selected, your phone does not transmit the key tones.

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

Using the SMS Service

If you receive an SMS (Short Message Service) message during a call, the message icon () flashes in the display.

Either during your call or after you have finished it, you can read the message or send a reply; refer to page 69 for further details.

Phonebook

You can store phone numbers and the corresponding names in the memory of your SIM card. In addition, you can store up to 500 numbers and names in the phone memory. 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 are automatically available with the new phone, whereas any numbers stored in the phone must be stored again.

Storing a Phone Number with a Name

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  soft key. For further details, refer to page 23.
- To insert a dialling pause for special phone services, such as banking by phone, hold pause.

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

3. Enter the associated name.
The maximum length of a name depends on your SIM card. For information on how to enter characters, see page 44.
4. When you are satisfied, press the **Save** soft key. The phone now displays the first free location in the SIM card for you to save the number and name.

If the card memory is full, the first free location in the phone memory is displayed.

5. Press the right soft key to toggle between the phone (**To Phone**) and card (**To Card**) memories.
6. If you do not want to save the number and name in the suggested location, press  to clear the location number and enter your preferred location by pressing the number keys.
7. Press the **OK** soft key to store the name and number.
8. You can access the phonebook options by pressing the **Options** soft key, or scroll through the memory with  or .



To exit, press .

Using the Phonebook Options

When storing or viewing a number in the phonebook, **Options** appears above the left soft key to allow you to access the phonebook options, described in the following paragraphs.

Accessing the Options

To access the various phonebook options, proceed as follows.

1. Press the **Options** soft key.
The first available option is highlighted.
2. Scroll to the required option by pressing  or .
3. Press the **Select** soft key.

The following options are available.

Voice Record

Note: This option appears only when no name has been recorded.

This option allows you to add a voice tag to the number.

Follow the instructions given by your phone to record the required name.

Play Voice

Note: This option appears only when you have already recorded some names.

This option plays back the names that you have recorded.

Voice Delete



Note: This option appears only when you have already recorded some names.

This option allows you to delete a specific voice entry.

You are asked to confirm the deletion by pressing the **OK** soft key.

Paste

This option allows you to paste the phonebook number into the normal dialling mode. Use this option to dial a number similar to one in the phonebook (a different extension in the same office, for example).

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

Edit

This option allows you to edit a number and name stored in the phonebook.

Erase

This option allows you to erase a number and name stored in the phonebook. You are asked to confirm that you wish to erase the name and number from the phonebook by pressing the **Yes** soft key.

Copy

This option allows you to copy a phonebook number to another location. Use this option to store a number similar to one already in memory; once copied, edit the number and store it into another location on the SIM card or in the phone memory.

Memory Status

This option allows you to check how many names and phone numbers are stored and how many locations are still free in the card and phone memories.

Alert

This option allows you to assign specific ring tones to up to five numbers and thus distinguish the caller by the ring tone.


Colour

This option allows you to assign a specific service light colour to a number and thus distinguish the caller by the service light colour. Four colours are available (normal, orange, violet and blue) and they can be assigned to up to five numbers. If no specific colour is assigned, the service light flashes with the colour you set in the **Service Colour** option ; see page 110.

Speed-Dialling by SIM Memory Location

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

To speed-dial a number, proceed as follows.

To speed-dial a number in locations...	Then...
2 to 9	Press and hold down the appropriate key.
10 and above	Press the appropriate keys, followed by  . When the display shows the name, phone number and location, press the Dial soft key.




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

Searching for and Dialling a Number in the Phonebook

1. When the idle screen is displayed, press the **Phonebook** soft key.
2. If your SIM card provides Service Dialling Number (SDN) and Information Number services, press the **OK** soft key when the **Find Entry** option is highlighted.
3. Enter the start of the name that you wish to find and press the **Find** soft key.

Note: You can also scroll through the phonebook from the beginning, by pressing the **Find** soft key directly.

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

- | | |
|--|---|
| 4. To... | Then press... |
| View the highlighted entry | The View soft key. |
| Select a different entry |  or  one or more times until the required entry is highlighted. |
| Look for a name starting with a different letter | The key labelled with the required letter. |
5. Once you have found the required entry, press  to dial the number.

Dialling a Number Using the Service Directory or Information Numbers

Note: The **Service Dir.** and **Information Numbers** options may not be available, depending on your SIM card.

When the idle screen is displayed, press the **Phonebook** soft key, then you can select one of the services.

Service Dir.: enables you to view the Service Directory and make calls from it.

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

Entering Text

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

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

The following text input modes are available on your phone:

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



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


 is a registered Trademark of Tegic Communications, Inc. and is licensed under U.S. Patent 5,818,437/ 5,953,541/ 6,011,554.

Changing the Text Input Mode

When you are in a field that allows character entry, you should notice the text input mode indicator in the bottom of the display.

To change to another text input mode:

1. Press the right soft key, indicating the text input mode.
2. Scroll to the desired mode with  or .

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

3. Press the **Select** soft key to select the displayed mode.
4. You will find the selected text input mode indicator in the bottom of the display.

Pinyin Mode

Pinyin is a system to mark Chinese pronunciation in Latin alphabets. With the pinyin input method, you can enter Chinese characters by keying in the pinyin string from the phone keypad and the phone automatically presents the matching alternatives.



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

Typing Characters in Pinyin Mode




1. Press keys corresponding to the phonetic spelling, referring to the Roman letters printed on the keys. Notice that the choices in the Character Selection Map change.

Example: Typing 你 in Pinyin mode



Press  and  to enter “mi”.

2. If you cannot find the desired character from the display, press  or  to scroll through choices in the Character Selection map.

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

3. To select a character, press  to activate the Character Selection Map. A number (1 to 5) is added to the beginning of a corresponding character. With the Character Selection Map being activated, a normal press on  to  selects the corresponding character.

Notes:

- To insert a space when entering a text, press  when the cursor blinks in the Text Area.
- To remove the activate character in the Character Selection Map, press .

Using Tone Key in Pinyin Mode

Entering the tone of a character you are typing narrows the number of choices in the Character Selection Map. Entering the tone for a character is optional, but it is especially useful if the Pinyin spelling is similar between characters.

To enter the tone of a character, proceed as follows:

1. Enter the Pinyin spelling. For example, press and to get 'li'. Then, press to display a Tone menu. The display shows alternative Pinyin spelling and the four tone keys.

2. Press the associated key to correspond to a tone with the character.

: to enter the first tone

: to enter the second tone

: to enter the third tone

: to enter the fourth tone

: to enter the light tone

: to cancel tone input

3. With the Character Selection Map being activated, a normal press on to selects the corresponding character.

Notes:

- You may delete a previously entered tone by pressing .
- To exit the Tone menu without making a selection, press .

Scrolling



To move the cursor left or right through your text message, press or .

Inserting a Space



Insert a space between the characters, press in Text Area.

Clearing Strokes and Characters



Press or more times to remove strokes to the left. Once the Pinyin Area is empty, pressing removes characters from the Text Area.

3. When the character you are typing appears in the Character Selection Map, you may select it without finishing the stroke sequence for the character. Characters displayed in the Character Selection Map correspond to keys **7** to **0** on the keypad. To select a character from the Character Selection Map and add it to your message, press the corresponding key  to .

Scrolling






To move the cursor left or right through your text message, press  or .

Clearing Strokes and Characters

Press  one or more times to remove strokes to the left. Once the Stroke Area is empty, pressing  removes characters from the Text Area.


Quick English Mode(T9 Mode)




To type a word, press keys corresponding to the letters you need. Remember the following as you are typing:

1. Press keys on the phone just once per desired letter. For example, to enter 'hello', press , , , , .

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



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

4. Complete each word with a space by pressing .

If the word that appears in the display is not the word that you desire, press  one or more times to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both shares the sequence , . The phone displays the most commonly used choice first.)


To type words not found in the T9 mode, change the text input mode to ABC mode.

Smart Punctuations




Period, hyphen, and apostrophe are available on . T9 applies rules of grammar to insert the correct punctuation. Notice that  is used twice in this example to display two punctuation marks:




Changing Case

To shift the case of the next letter(s) that you type, press . There are three shift states: Lower Case, Initial Capital and Capitals Lock.

Scrolling

- To move the cursor left or right through your text message, press  or .
- To scroll through alternate word choices for the keys you have entered, press .



Clearing Letters and Words

Press  one or more times to clear letters to the left. Press and hold down the key to erase a word.

English Mode

When typing in **English** mode, you should press key labeled with the required letter:

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

For example, you press  three times quickly to display the letter "C",  two times quickly to display the letter "K". So, this method is called Multi-tap typing.


Refer to the table below for the list of characters assigned on each key.

Key	Characters in the Order Displayed	
	Upper Case	Lower Case
1	: ; ¿ j 1 = " /	. , ? ! 1 - ' @ :
2	A B C 2 Ä Å Æ Å Γ	a b c 2 à ä æ å Ç
3	D E F 3 É Δ	d e f 3 é è
4	G H I 4 Θ	g h i 4 ì
5	J K L 5 Λ	j k l 5
6	M N O 6 Ñ Ò Ø Æ	m n o 6 ñ ò ø ø
7	P Q R S 7 Π Σ	p q r s 7 ß
8	T U V 8 Û Φ	t u v 8 ù ü
9	W X Y Z 9 Ψ Ω	w x y z 9
0	0 * < > % # £	0 + () & _ \$

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

If you enter a specific word in this mode the first time, the word is automatically added to your phone's database, and offers the new word as an option for its keystroke sequence when you are in the Word mode.



Changing Case

To shift the case of the next letter(s) that you type, press . There are three shift states: Lower Case, Initial Capital and Capitals Lock.


Inserting a Space

Press  to insert a space between the words.

Scrolling

To move the cursor left or right through your text message, press  or .

Clearing Letters and Words

Press  one or more times to clear letters to the left. Press and hold down the key to erase a words.

Number Mode

Number mode enables you to enter numbers into a text message. Press keys corresponding to the desired digits, and manually switch back to the text entry mode of choice.



Symbolic Mode

Symbolic mode enables you enter symbols into a text message.

Press  or  to display more symbol sets.

Press keys corresponding to the desired mark, then the phone automatically switches back to the text entry mode used just prior to selecting Symbol mode.

Selecting Functions and Options

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

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

Example:



Press the left soft key to access 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...**

Then press...

Select the:

The left soft key.

- Function displayed
- or
- Option highlighted

View the next function or highlight the next option in a list



Move back to the previous function or option in a list




Move back up one level in the structure

The right soft key.

Exit the structure without changing the settings







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





Using the Menu

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

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

1. In idle mode, press the **Menu** soft key to access the menu facility. Scroll with  (or ) to reach the required main menu, such as **Tones**. Press the **Select** soft key to enter the menu.
2. If the menu contains any sub-menus, **Ring Tone** for example, find the one you want by scrolling with  or . Press the **Select** soft key to enter the sub-menu.

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

3. **To...** **Then press ...**
 Scroll through the menus  or .
 Confirm the chosen setting the **Select** soft key.
 Return to the previous menu level the  soft key.
 Exit the menu, without changing the settings .

Menu Structure

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 the SIM.

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.

Main Menu	Level 1	Level 2
1. Call Records	1. Missed Calls 2. Received Calls 3. Dialed Calls 4. Call Time 5. Call Cost ¹	1. Last Call Time 2. Total Sent 3. Total Received 4. Reset Timers 1. Last Call Cost 2. Total Cost 3. Max Cost 4. Reset Counters 5. Set Max Cost 6. Price/Unit
2. Messages	1. Voice Mail 2. Read Messages 3. Write Messages 4. Preset Message List 5. Setup 6. Broadcast 7. Picture Messages	1. Connect to Voice Mail 2. Voice Server Number 1. Service Centre 2. Default Type 3. Default Validity 4. Reply Path 5. Delivery Report 1. Read 2. Receive 3. Channel List 4. Language

Main Menu	Level 1	Level 2
3. Voice Functions	1. Voice Dial	1. Record 2. Act 3. Delete One 4. Play All 5. Delete All
	2. Voice Command	1. Record 2. Act 3. Play All 4. Delete All
	3. Voice Memo	1. Record 2. Replay 3. Delete One 4. Delete All
	4. AnswerPhone	1. AnswerPhone 2. Message Record 3. Message Select
4. Tones	1. Ring Tone	
	2. Melody Composer	
	3. Ring Volume	
	4. Alert Type	
	5. Keypad Tone	
	6. Message Tone	
	7. Power On/Off	
	8. Error Tone	
	9. Minute Minder	
	10. Connect Tone	
5. Settings	1. Phone Settings	1. Greeting Message
		2. Own Number ¹
		3. Language
		4. Any-key Answer
		5. Backlight
		6. Service Light
		7. Auto Redial
		8. Auto Answer
		9. Caller ID
		10. Active Folder
		11. Reset Settings
		12. Active Line ¹
	2. Network Services	1. Call Diverting ² 2. Call Barring ² 3. Call Waiting ² 4. Network Selection 5. Line Identification ² 6. Closed User Group

¹ Shown only if supported by your SIM card.² May not be shown or supported by your network service provider.

Main Menu	Level 1	Level 2	
5. Settings <i>(continued)</i>	3. Security Settings	1. PIN Check 2. Change PIN 3. Phone Lock 4. Change Password 5. SIM Lock 6. FDN Mode ¹ 7. Change PIN2 ¹	
	4. LCD/LED Settings	1. Wallpaper 2. Main Menu 3. Skin 4. LCD Brightness 5. Service Colour	
	5. Browser Settings ²	1. Proxy Settings 2. Current Proxy	
	6. Organiser	1. Scheduler	
		2. Alarm	1. Daily Alarm 2. Once Alarm 3. Weekly Alarm 4. Alarm Tone
3. Calculator			
4. To Do List			
5. Calendar			
6. World Time			
7. Clock		1. Set Time 2. Set Date 3. Format 4. Area 5. Temperature	
8. Conversion			
9. Timer			
10. Stopwatch			
7. Games	1. Bowling		
	2. Speed Up		
	3. Honey Ball		
8. Fun Box	1. Melody		
	2. Image		
	3. Fun Club		
	4. WWW Services ²		
	5. Gift Box		
	6. SFC Setting		

¹ Shown only if supported by your SIM card.² May not be shown or supported by your network service provider.

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

Menu 1-1

This option lets you view the last 10 unanswered calls. You can also:

- Edit the number if available and dial it or save it in the phonebook
- Delete the call from the list

Received Calls

Menu 1-2

This option lets you view the last 10 phone calls received. You can also:

- Edit the number if available and dial it or save it in the phonebook
- Delete the call from the list

Dialed Calls

Menu 1-3

This option lets you view the last 10 numbers dialed. You can also:

- Edit the number and save it in the phonebook
- Redial the number
- Delete the number from the list

Call Time

Menu 1-4

This option lets you view the timers for calls made and received. 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; you must first enter the phone password (see page 143) and then press the **OK** soft key.

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 Cost

Menu 1-5

This network feature lets you view the cost of calls. The following options are available.

Last Call Cost: cost of the last call made.

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, except calls to the emergency services, 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 144) and then press the **OK** 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 144) and then press the **OK** 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 144) and then press the **OK** soft key.

Messages

Your phone receives voice mail notification messages, and Short Message Service (SMS) text messages. Voice mail and SMS are network services. Please contact your service provider for more information.

When the  icon appears, you have received voice mail. When the  icon appears, you have received new text messages. If the message memory is full, an error message is displayed and you cannot receive any new messages. Use the **Delete** option in the **Read Messages** menu to delete obsolete messages. Once there is space in the memory, any undelivered SMS messages will be received (provided sufficient space is available).

Note: If your SIM card supports the ALS feature and you receive voice mail, one of the holes in the tape symbol () is filled in to indicate the line concerned.

Picture and ring tone messages can also be received.

To...	Then use the...
Send or receive picture messages	Picture Messages menu option ; see page 74.
Load ring tone messages	Ring Tone menu option ; see page 82.

Voice Mail


Menu 2-1

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

Connect to Voice Mail

Before using this feature, you must enter the voice server number obtained from your service provider (see the following page).

You can then select this option and simply press the **OK** soft key to listen to your messages.

Note: If you press and hold down  when the phone is in idle mode, you can access your voice mail server directly, provided that the number has already been set via the **Voice Server Number** menu option.

Voice Server Number

You can change the voice mail server number.

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

To...

Enter the server number

Recall a number in the phonebook

Correct a digit

Move the cursor to the left/right without clearing the digit

Then press...

The corresponding number keys.

The **Phonebook** soft key.

The  soft key or .



Note: See page 36 for instructions on how to use the phonebook.

Read Messages



Menu 2-2

When the **Read Messages** menu is selected, the header of the first message is displayed. This contains the:

- Message number
- Message status (new, old, not sent, sent)

To view this message, press the **View** soft key. The screen shows the:

- Sender's phone number (if sent with the message)
- Date and time at which the message was received
- Message text

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

Text Reply: allows you to reply by sending a text message. You can also:

- Change the SMS centre number (if required)
- Send the message
- Save and send the message
- Save but not send the message

Call back: allows you to call the sender back.

Edit: allows you to edit a message.

Delete: allows you to delete obsolete messages.

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

Send: allows you to send a message that you have not already sent.

Send again: allows you to resend a message that you have already sent.

Note: The options available vary, depending on the message status (new, old, not sent, sent).

Write Messages

Menu 2-3

Via this menu, you can write and edit text messages of up to 160 characters.

1. Key in a message. For details on how to enter text, refer to page 44.
2. After you complete the message, you can select the following options.

Send Only: allows you to send the message immediately. You can enter the required destination.



Save and Send: allows you to save a copy of the message and then send the message to the required destination. You can read the message using the **Read Messages** option. When you read the message, 'Sent' is displayed to indicate the message state.

Save Only: allows you to save the message so that it can be sent later. When you read the message, 'Not sent' is displayed.

3. After selecting the required option, press the **Select** soft key.
The display prompts you to enter the destination number.
4. Enter the phone number and press the **OK** soft key or press the **Phonebook** soft key to select the number from the phonebook.

Preset Message List

Menu 2-4

Using this menu, you can preset up to five messages that you use most frequently. When you access this menu, the preset message list is displayed. Scroll through the list using  or . When the required message number appears, press the **Options** soft key.

The following options are available.

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

Note: For further information on how to enter characters, refer to page 44.

Send Message: allows you to recall the selected preset message. Once you have completed the message, you can send, save and send, or simply save it.

Delete: allows you to delete the selected preset message.

Setup

Menu 2-5

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

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.

Default Type: allows you to set the default message type (Text, Voice, Fax, X400, Email and ERMES). The network can convert the message into the selected format (possibly on a subscription basis).

Default Validity: 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.

Possible values are one hour, 6 hours, 24 hours, one week and the maximum authorised by your service provider.

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 or not your message has been delivered.

Broadcast

Menu 2-6



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

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

If the message is long, press the down volume key on the left side of the phone one or more times.

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

The following options are available.

Read: allows you to view the first message. Scroll through the message using  or . At the end of the message, press the **Next** soft key to move to the next message.

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

Channel List: lists all available channels. The channels currently selected are indicated by an asterisk (*) beside the name. When you select one of them, you can edit, enable, disable or delete the channel.

The **Enter Channel** 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.

Picture Messages

Menu 2-7

The phone allows you to send and receive text messages that contain pictures. These messages are called "picture messages", several of which are preset in the phone and can be replaced with new ones received from other sources.

The following options are available.

Write Message: allows you to write text to send with the picture message.

Erase: deletes the picture message; **Empty** is displayed instead of the title.

Send Message: allows you to enter the destination phone number; you must then press the **OK** soft key to send the picture message.

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

Wallpaper: allows you to save this picture message to be a default a the Wallpaper

Receiving a Picture Message

To view a message immediately you receive it, press the **View** soft key. Press the right soft key to toggle between viewing the message and the image. The following options are available.

Save: allows you to save the picture message in your picture message list.

Discard: allows you to discard the picture message without saving it.

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

Note: This function is available between phones supporting Nokia's* Smart Messaging services.

Each picture message is made up of several text messages; it may, therefore, cost you more to send one picture message than one text message.

Picture messages are stored in the phone; you cannot, therefore, view them if you use your SIM card in another phone.

* Nokia is a registered trademark of Nokia Corporation.

Voice Functions

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

- Voice dial
- Voice command
- Voice memo
- AnswerPhone

Voice Dial

Menu 3-1

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 twenty voice-dial entries.

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 stores the name as the second sample and then requests the phone number and name.
3. To store the number, press the **OK** soft key. Follow the instructions described on page 36 to store the number in your phonebook.

Act: allows you to activate voice dialling.

You hear a voice prompt and **Say Name** is displayed. 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.

Note: This option is only available once you have recorded and stored voice tags.

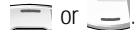
Delete One: allows you to delete an individual voice tag. The corresponding phone number remains in the phonebook but the voice tag is deleted.

If the name displayed is... Then press...


To be deleted

The **OK** soft key.

Not to be deleted



The next name is displayed.

To exit the **Delete One** option, press the  soft key.

Play All: allows you to play back all recorded voice tags.

Delete All: allows you to delete all voice tags. The corresponding phone numbers remain in the phonebook but the voice tags are all deleted. Press the **OK** soft key when the message “Delete All Confirm?” is displayed.

Otherwise, press the **Cancel** soft key to exit the function without deleting the voice tags.

Voice Command

Menu 3-2

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** in 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 commands you have recorded.

Voice Memo

Menu 3-3

You can use the Voice Memo feature to:

- Record up to three 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 screen displays the:

- Memo location
- Date and time when the memo was recorded
- Recording time counter

The maximum recording time is about 35 seconds. If you want to record for longer, press the **Continue** soft key. **Split** appears instead of **Continue**. You can continue recording and the rest of the memo is stored in the next memo location.

To stop recording, press the **Stop** soft key.

Note: If all memo locations are full, you must delete an old memo before recording a new one.

Replay: allows you to play back all memos recorded, starting with the most recent memo. The screen displays the:

- Memo location
- Date and time when the memo was recorded

To skip to the next memo, press the **Skip** soft key. To stop the playback, press the **Stop** soft key.

Delete One: allows you to delete a specific memo. All memos recorded are played back, starting with the most recent one.

Delete All: allows you to delete all memos. Press the **OK** soft key when the message "Delete All Confirm?" is displayed.

AnswerPhone

Menu 3-4

You can set your phone to answer calls with your own recorded message.

You can use the message to inform callers of your current situation and to guide them to leaving messages in your voice mail.

While the message is being played, if you wish, you can take the call by pressing the **Accept** soft key.

The following options are available.

AnswerPhone: To turn off the AnswerPhone, select **Disable**, to turn on, select **Enable**.

Message Record: You can record for up to 35 seconds. To stop recording before the time is up, press the **Stop** soft key. To change the message, use the **Delete** option, and record a new one.

Message Select: The phone offers two default messages, and one message of your own. You can select **User Message** only when you have recorded your own message.

Tones

You can use the **Tones** menu to customise various sound settings, such as the:

- Ring tone, volume and type for incoming calls or messages
- Sounds made when your call is connected, you press a key, make a mistake or you switch your phone on/off.

Ring Tone

Menu 4-1

This option allows you to set the ring tone for incoming calls or messages.

Note: If your SIM card supports the ALS feature, this option also allows you to select a different ring tone for each line.

The following options are available.

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

Bell: lets you choose between many different bells. Each time you select a bell from the list, the bell rings.

My Music Box: lets you choose between 17 changeable ring tones; see below for further details.

- Downloading mono-poly ring tones (**Download 1-3**)

With this method, you can select one of three ring tones extracted from a Nokia-compatible ring tone message. For details about this network service, contact your service provider.

When you receive a ring tone message, proceed as follows.

1. To listen to the tone, press the **Play** soft key.
2. To save the ring tone, press the **Save** soft key.
3. Select the location in which you wish to save the ring tone and press the **OK** soft key.
4. To use this tone as the current ring tone, press the **Yes** soft key. Otherwise, press the **No** soft key.

- Composing ring tones (**User 1-2**)

With this method, you can select one of two ring tones composed with the **Melody Composer** menu option.

- Downloading 40 poly ring tones from other sources (**Empty**)

With this method, you can download 12 of the ring tones from sources, such as PCLink in the content download kit or a WAP site.

Note: While downloading ring tones, if the battery is detached from the phone, you may lose the downloaded ring tones. .

Melody Composer

Menu 4-2

This menu allows you to compose your own, customised ring tone.

- Three octaves are available.
- A maximum of 100 notes can be entered.
- You can adjust the length of the notes and add rests, as required.

Composing a Melody

You can compose two melodies.

1. When you access the menu, the names of any melodies created are displayed. Otherwise, **(Empty)** appears. Select the melody that you wish to create or edit.
2. Press the **Select** soft key and compose your melody using the following keys.

To...

Enter C, the first note in the musical scale

Enter D

Enter E

Enter F

Enter G

Enter A

Enter B

Move a note up or down one octave

Enter a rest

Delete notes

Then press ...



until the rest is of the required length.

Move a note a semitone up or down

or (for example, the note A changes to A#, B, C, C#, and so on each time you press).

Add # to a note or not



Change the length of a note



(the length changes each time you press the key).

Listen to your melody

the **Listen** soft key.

Cancel your changes



3. When you are satisfied with your melody, press the **Yes** soft key.
4. Enter a title for the melody.

Note: For further details on how to enter characters, refer to page 44.

You are asked if the melody is to become the ring tone.
5. To use the melody as the ring tone, press the **Yes** soft key.


The melody is saved and is played each time your phone rings.

Deleting a Melody

1. Select the melody that you wish to delete.
2. Hold down for a few seconds. All notes are erased.
3. Press the **Listen** soft key. You are asked to confirm that you wish to delete the melody by pressing the **Yes** soft key.

Ring Volume

Menu 4-3

This option allows you to adjust the ring volume to one of five levels. Use the volume keys on the left side of the phone or . The more bars you see, the greater the volume.

Alert Type

Menu 4-4


This option allows you to indicate how you are to be informed of any incoming calls. The following options are available.

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

Melody: the phone rings using the tone selected via the **Ring Tone** menu option.

Vibration: the phone vibrates but does not ring.

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

Note: To toggle between the current alert type and the Silent mode, hold down .

Keypad Tone

Menu 4-5



This 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 generate any sound.

Woman: each key (numeric keypad), when pressed generates a woman's voice saying the number printed on the button in chinese.

Girl: each key (numeric keypad), when pressed generates a girl's voice saying the number printed on the button in chinese.

Drum: each key from  to , when pressed, generates a pure sound only in the idle mode.

Piano: each key from  to , when pressed, generates a different note in the musical scale only in the idle mode.

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

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

Message Tone

Menu 4-6

This option allows you to indicate how you are to be informed that you have received a new message. The following options are available.

Single Beep: the phone beeps once.

SMS Tone1 ~ SMS Tone5: the phone rings using the selected SMS tone.

Light Only: the service light on the top of the phone flashes.

Vibration: the phone vibrates but does not ring.

Power On/Off

Menu 4-7

This option allows you to select the tone that you will hear when you switch your phone on or off. The following options are available.

OFF: when you switch the phone on and off, you do not hear a jingle.

Classical: when you switch the phone on and off, you hear the default jingle.

Cheerful: when you switch the phone on and off, you hear a cheerful jingle.

Error Tone

Menu 4-8

This option allows you to select how the phone informs you that you have made a mistake. The following options are available.

OFF: the phone does not beep.

ON: the phone beeps to indicate an invalid entry.

Minute Minder

Menu 4-9

This 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.

Connect Tone

Menu 4-10

This 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.

Settings

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

Phone Settings

Menu 5-1

Greeting Message

This 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...

Clear the existing message

Enter a new message

Cancel your input and return to the previous menu

Then press...

 and hold it down until the message is cleared.



The appropriate alphanumeric keys.



For more information on entering characters, refer to page 44.

Own Number

Note: The contents of this menu may vary, depending on the SIM card.

You can enter your own name and number using this menu. If you have subscribed to the Alternate Line Service (ALS), you can select a line with  or .

The following options are available.

Edit: allows you to edit the name and number. If your SIM card supports the ALS service, only the **Edit** soft key is displayed. Press the **Edit** soft key and enter or edit your own name for the ALS line.


Erase: allows you to erase the name and number.

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 44.

Any-key Answer

Depending on the setting of the **Any-key Answer** option, you can answer an incoming call by pressing any key, except  and the **Reject** soft key.

To reject a call when **Then press the...**
the phone is...


Open

Reject soft keys or .

Closed

Volume key on the left side of the phone.

Note: Hold this key down if the Any-key Answer option is set to OFF.

ON: you can press any key, except  and the **Reject** soft key.

OFF: you can only press  or the **Accept** soft key.

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 option allows you to select whether the service light on the top of the phone is used or not. The following options are available.

ON: the service light flashes when the phone is ready for use.

OFF: the service light is not used.

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.

ON: the number is redialled automatically.

OFF: the number is not redialled.

Auto Answer

With the Auto Answer function, the phone automatically answers calls after 3, 5 or 10 seconds. You can also turn this feature off.

Note: This feature is only available when the phone is connected to a car kit (optional).

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 Folder

The voice dial and voice command modes can be activated automatically whenever the phone is opened. The following options are available.

OFF: the voice dial and voice command modes must be activated manually via the **Voice Dial** and **Voice Command** menu options; for further information, refer to pages 76 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 and the **Active Folder** menu option is set to **Voice Dial** or **Voice Command**, you can use the corresponding function by pressing the button on the ear-microphone.

Reset Settings

You can easily reset your phone to its default configuration. Before proceeding, you must enter the phone's 4-digit password.

Note: The password is preset to 0000. To change this password, refer to page 107.

Active Line

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

This 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.

When you select the **Manual** option, you can choose a line whenever you use the call barring, call diverting or call waiting functions; in this case, there is no indicator to show which line is active.

Network Services

Menu 5-2

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 your phone is engaged on 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.

Cancel All: all call diverting options are cancelled.





You can specify individual 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

To set your call diverting options, proceed as follows.

1. Select the type of call diverting required by pressing  or  until the appropriate option is highlighted, and then press the **Select** soft key.
2. Select the type of calls to be diverted by pressing  or  until the appropriate option is highlighted and then press the **Select** 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  until the + sign is displayed. You can also select a number in the phonebook or the voice server number, by pressing the **Options** soft key, followed by **Phonebook** or **Voice Server Number**.

- When you are satisfied, press  or the **OK** soft key. The phone sends your settings to the network and the network's acknowledgement is displayed.

To deactivate specific call diverting settings, proceed as follows.

- Select the call diverting option to be deactivated.
- Select the type of calls to which this option applies.
- 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)

To set your call barring options, proceed as follows.

- Select the type of call barring required by pressing  or  until the appropriate option is highlighted and then press the **Select** soft key.
- Select the type of calls to be barred by pressing  or  until the appropriate option is highlighted and then press the **Select** soft key.

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

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

To deactivate specific call barring settings, proceed as follows.

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)

To set your call waiting options, proceed as follows.

1. Select the type of calls to which the call waiting option is to be applied by pressing  or  until the appropriate option is highlighted and then press the **Select** 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.

To deactivate specific call waiting settings, proceed as follows.

1. Select the type of calls 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. When the **Network Selection** menu is displayed, press the **Select** soft key.
2. Press  or  until the appropriate option is highlighted and press the **OK** soft key.

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

If you select **Manual**, the phone scans for the available networks. Go to Step 3.

3. Press  or  until the preferred network is highlighted and press the **OK** soft key.

You are connected to that network when roaming.

Line Identification

This option allows you to view the following line identification settings.

CLIP (Calling Line Identification Presentation) / **COLP** (Connected Line Identification Presentation)

If these network functions are active, the caller's number is displayed during a call. If the phone number matches one stored in the phonebook, the caller's name is also displayed.

CLIR (Calling Line Identification Restriction) / **COLR** (Connected Line Identification Restriction)

If these network functions are active, your phone number is not displayed on the called person's phone.

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.

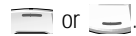
When you select the **Closed User Group** option, you are asked if you want to activate the CUG function. Press the **Yes** soft key to confirm. You can now access the following options.

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...



Scroll through the existing CUG indexes



Add a new CUG index

The **Options** soft key, select **Add** and enter the index.

Delete a CUG index

 or  to select the index you want to delete, press the **Options** 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 communicate a default CUG to 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.

Security Settings

Menu 5-3

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 143).

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 below.

Change PIN

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

Phone Lock

When the Phone Lock feature is enabled, the phone is locked and you must enter the 4-digit phone password each time the phone is switched on.

The password is factory set to 0000. To change the phone password, refer to the **Change Password** menu option on page 107.

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

The following options are available.

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

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

Change Password

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

The password is factory set to 0000. Once you have entered a new password, 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 108.

Change PIN 2

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.

LCD/LED Settings


Menu 5-4

Wallpaper

This option allows you to select the background image to be displayed on your phone.

Image: allows you to select one of the five predefined images or the calendar. When the calendar is displayed in idle mode, you can scroll through the months by pressing  or .

My Image: allows you to select one of the images downloaded from the content CD or a WAP site.

To preview an image, press the **Preview** soft key. To return to the image list, press the  soft key.

If you select the **Animastion** option, the downloaded images are displayed in sequence.

My Image Settings: allows you to set the text colour, background colour, text position and display time by selecting the appropriate sub-options.

Note: This feature is only available if you have selected the **My Image** menu option.


Main Menu

This option allows you to select the type of animation for the menus: **Classical** or **Cute**.



Skin

This option allows you to select one of three menu patterns.

LCD Brightness

This option allows you to adjust the brightness of the displays. Press  to increase or decrease the brightness.

Service Colour

There are six colours available for the service light: green, yellow, orange, violet, blue and sky blue. You can scroll through these colours, by pressing  or . Press the **Select** soft key to select the required colour.

Browser Settings

Menu 5-5

Note: This menu may not be shown, depending on your network service provider.

You can set up several proxies, using the **Proxy Settings** menu option, and you can designate one as the current proxy, using the **Current Proxy** menu option. The following parameters must be set for each proxy; they may vary depending on your service provider. Contact your service provider for further details.

Proxy Name: name of the proxy server.

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

Port Number: number of the port used to connect the gateway.

Home URL: URL address of your home web site.

Access Point

NAS Phone Number: PPP server phone number.

Login Name: PPP server login ID (may be optional).

Password: PPP server password (may be optional).

Network Type: V.32 Transparent, V.32 Non-Transparent, V.110 Transparent or V.110 Non-Transparent.

Organiser

The Organiser feature enables you to:

- Write your schedule or to do list
- Set the alarm so that the phone rings at a specific time (to remind you of an appointment for example)
- Use your phone as a calculator
- View the calendar
- Find out what time it is in various cities around the world
- Set the current date and time
- Use your phone as a unit converter, timer or stopwatch

Scheduler

Menu 6-1

The Scheduler helps you to keep track of reminders, calls that you need to make, meetings and birthdays. The phone alarm rings when the date set for a birthday, reminder or call is reached.





When you access the **Scheduler** menu, the following options are available.

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






View All: shows the events scheduled.

Delete All: deletes all the scheduled events.

To schedule a new event, proceed as follows.



1. When the calendar is displayed, select the month by pressing the volume key on the left side of the phone, select the week by pressing  or  and select the day by pressing  (or ). You can also use the **Go to date** menu option to specify the date.

Notes:

- You can also use  or  to select the week, and  or  to select the day.
- To exit the Calendar screen, press . The phone returns to the previous menu level.

2. Press the **OK** soft key.
3. Select a schedule type. Four types are available.
 - Reminder:** requires a description and the time.
 - Call:** requires a phone number and the time.
 - Meeting:** requires a description and the time.
 - Birthday:** requires a name and the time.
4. Enter the appropriate information, referring to page 44 for further details on how to enter text if necessary.
5. If you wish to set the alarm to ring on the scheduled date and time, select **Yes**. Otherwise, select **No**.
6. If you selected **Yes**, set the time for the alarm and press **OK**.

A date that has a schedule already associated with it is underlined. If you select such a date, the contents are displayed.

Note: If you have scheduled more than one event on a given day, you can scroll to the required event by pressing  or .

The following options are available.

Add: allows you to add new contents.

Delete: deletes the scheduled event.

Move: moves the scheduled event to a new date.

Copy: copies the scheduled event to a new date.

Delete Day: deletes all events scheduled on that date.

Alarm

Menu 6-2

This option allows you to set the alarm to ring at a specific time when your phone is switched on. You can set one or more alarms.

The following alarms are available.

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

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

Weekly Alarm: the alarm rings every week on the same day and at the same time.


The **Alarm Tone** option allows you to select a specific tone for the alarm.

To set the alarm, proceed as follows.

1. Select an alarm type by pressing the **Select** soft key.

The **Set Alarm** option allows you to set the alarm time or days of the week.

2. If you have chosen **Weekly Alarm**, select the required day of the week and press . The * symbol appears to indicate that the day is selected.


To remove it, press .

You can set more than one day.

3. Press the **OK** soft key.

4. Enter the required time, then press the **OK** soft key.

Alarm Activated is displayed.

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

To deactivate the alarm, select the **Remove Alarm** option.


Note: If your phone is switched off, the alarm will not ring.


Calculator

Menu 6-3

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



























To use the calculator, proceed as follows.


1. Enter the first figure using the number keys.
2. Press the **Operator** soft key until you find the appropriate arithmetic symbol: + (add), - (subtract), **x** (multiply), / (divide).
3. Enter the second figure.
4. Repeat Steps 2 and 3 if necessary.
5. To calculate the result to two decimal places, press the **Equal** soft key or .

To erase any mistakes or clear the display, press .

To enter a decimal point, press .

Examples:

Expression	Key Sequence	Result
$12 \times 3 + 5 =$	12x3+5  (or )	41
$34 + 57 =$	34+57  (or )	91
$45 + 57 =$	45+57  (or )	102
$48 - 23 =$	48-23  (or )	25
$14 - 23 =$	14-23  (or )	-9
$68 \times 25 =$	68x25  (or )	1700
$68 \times 40 =$	68x40  (or )	2720
$35 / 14 =$	35/14  (or )	2.5
$98 / 14 =$	98/14  (or )	7
10% of 200	200x10 	20
10=? % of 100	10/100 	10
10% premium of 200	200+10 	220
10% discount of 200	200-10 	180
Square of 4	4x  (or )	16
Reciprocal of 8	8/  (or )	0.12

Note: When you have finished with the calculator, press  to return to the previous menu level.

To Do List

Menu 6-4

This feature allows you to:

- Draw up a list of tasks to be done
- Assign a priority and deadline to each task
- Sort the tasks by priority and status mark

Creating the To Do List

1. Press the **New** soft key.
2. Enter the task.
For further information on how to enter text, see page 44.
3. Press the **OK** soft key.
4. Select high or low priority using $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$ (or $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$), and the **Select** soft key.
5. Enter your deadline.
6. Press the **Yes** soft key.

Editing the To Do List

If tasks are already defined in the to do list when you select the **To Do List** menu option, the current contents are displayed with the associated status mark and priority.

To view the detailed contents of a task, press the **View** soft key. To change the status of a task, press $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$.

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

New: allows you to create a new task.

Mark: allows you to mark a task as completed.

Edit: allows you to edit an existing task.

Sort: allows you to sort the tasks by priority (high, low) or by status.

Copy: allows you to copy a task.

Delete: allows you to delete a task.

Delete All: allows you to delete all tasks.

Calendar

Menu 6-5

You can view calendars for 1900 through to 2099. You can also view the lunar date of the selected date.

To move to the...

Then press...

Previous day

$\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$ (or $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$).

Next day

$\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$ or $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$).

Previous week

$\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$ or $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$).

Next week

$\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$ or $\left[\begin{array}{c} \text{☐} \\ \text{☐} \end{array} \right]$).


Next or previous month

The volume key on the left side of the phone.

You can also change dates by pressing the **Goto** soft key.

World Time


Menu 6-6

You can use your phone to check the current time in 21 major cities around the world. Scroll through the cities using .

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 the time zone in which you are located, proceed as follows.

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

The local date and time are displayed.

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

3. **To...**

Update the current date/time with this new setting

Indicate that the time zone is currently using the daylight saving time

Indicate that the time zone is no longer using the daylight saving time

Then press the...

Set Local soft key.

Set DST soft key.
A check mark is shown next to the time difference.

Remove DST soft key (only available when the check mark is shown next to the time difference).

Clock

Menu 6-7

This option allows you to change the current time and date.

The following options are available.

Set Time: allows you to change the time displayed, using the 24-hour system.

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

Set Date: allows you to change the date displayed. Enter the day, month and year.

Format: allows you to select the date format:




- DD/MM/YYYY
- MM/DD/YYYY

Conversion

Menu 6-8

This 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 **Length**, **Weight**, **Volume**, **Area** and **Temperature**, and press the **Select** soft key.
2. Enter the value to be converted and press  to move to the **From** field.
3. Select the original unit by pressing $[| \text{ } (\text{ or }) \text{ } |]$ and press  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 $[| \text{ } (\text{ or }) \text{ } |]$.
5. Press the **Select** soft key or  to view the result.
The result appears in the **Answer** box.

Units Available

Type	Units		
Length	mm km yard	cm in mile	m ft
Weight	g grain	kg oz	ton pound
Volume	cm ³ in ³ gal	m ³ ft ³	l yd ³
Area	cm ² in ² Acre	m ² ft ²	a yd ²
Temperature	°C	°F	

Timer

Menu 6-9

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 **OK** 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



Menu 6-10

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

Games

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

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

The following options are available.

New Game: allows you to start a new game.

High Score: shows you the High Score table.

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

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

While you are playing a game, to...

Adjust the game volume

Then press...

The volume keys.

Pause the game




Pause and exit the game



Bowling

Menu 7-1

The goal of the game is to knock down a triangular group of ten pins by rolling a ball.

When you start a new game, you can select the required mode, character and ball by pressing .

When the game starts, the screen shows the character and ball. Move the character first, then select the spin and direction, and finally set the power of the ball.

Key Commands

To...

Then press...

Move left



Move right



Set the speed or spin or throw the ball



Turn the sound on or off



Speed Up









Menu 7-2

The goal of the game is to get to the destination without crashing in the shortest time possible.

When you start a new game, you can select a destination, level of difficulty and vehicle. Once you have selected all the options, "Ready?" is displayed and the countdown starts.

When you reach the finish line, the time spent and your score are displayed.

Key Commands

To...	Then press...
Move left	 ,  or  .
Move right	 ,  or  .
Accelerate	 .
Brake	 .

Honey Ball

Menu 7-3













The goal of the game is to break honey blocks by bouncing a ball between a bat and the honey blocks.

When you start a new game, the ball is sitting on the bat in the middle of the screen. Once you start the ball moving, you must position the bat, so that the ball continues to bounce off it. Each time the ball hits a honey block, the block breaks, sometimes revealing letters that enhance the efficiency of the bat or ball:

- B:** the bat and ball change back to their standard form.
- C:** the ball sticks to the bat each time it hits it, giving you time to optimise your position.
- H:** the bat increases in length.
- P:** the ball is changed into a power ball, so that it no longer bounces off the blocks. It goes straight through them, destroying anything that it touches.

If you reach the final stage of the game, the rules are slightly different. The honey blocks are much stronger and need to be hit more than once before they are destroyed. At the same time, small bees attack the bat, damaging it a little each time until it is destroyed and you lose a life.

Key Commands

To...	Then press...
Slope up	 .
Slope down	 .
Move left	 ,  or  .
Move right	 ,  or  .
Hit the ball	 ,  ,  or  .

Fun Box

This phone allows access to animations, 40 poly ring tones, and other infotainment services and VAS via designated Samsung Fun Club on the Internet. In addition, you can use your phone as a Web Browser. You can obtain latest news, weather, sport, and other information as well as use email and other Internet services.

Please contact your service provider to apply for WAP service. To use the web browser, you must indicate your phone number via the **Own Number** menu option (5-1-2)

Melody

Menu 8-1

SFC Melody: You may store all 40 poly ring tones downloaded from web or WAP here. The ring tones can be used as ringing tone and can be deleted or changed.

Go To: Select this option to go to preset WAP site to download 40 poly ring tones.

Image

Menu 8-2

SFC Image: You may store all images downloaded from Fun Club here, and select the designated storage locations for screensaver, startup screen or shutdown screen. The images can be deleted.

Go To: Select this option to go to preset WAP site to download animated images.

Note: Do not remove phone battery during image download or all image data will be lost!

Fun Club

Menu 8-3

This is the preset site for animated images and 40 poly melody download. Select this option will connect to this site directly. Samsung Fun club provides attractive download services for Samsung mobile phones' users. Currently, the services that are available are:

1. Image and ring tone via SMS
2. 4-gray and colour images WAP download
3. 40 polyphonic melody WAP download
4. Customer service for Samsung mobile phones
5. Information and electronic catalogue for Samsung Electronics products

Note: After each servicing for phone or new phone accessing Samsung Fun Club for the first time, please connect your operators' WAP page first. Shortly, disconnect from operators and reconnect to Samsung Fun Club. This service requires WAP subscription and depends on local system and operators' services.

WWW Services

Menu 8-4


You can use your phone as a Web Browser. You can obtain up-to-date news, weather, sport and other information as well as use e-mail and other Internet services.


Please contact your service provider to open your Internet account. To use the Web Browser, you must check that you have specified your mobile phone number in the **Own Number** menu option.

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  in the centre of the scroll button.

To exit the browser, press  at any time. The phone returns to the idle mode.

Bookmark

You can store the addresses of up to five Internet sites for easy access using the Bookmark feature.

Three options are available.

Edit: allows you to create or edit a local bookmark.

1. Enter the required title (up to 14 characters).
2. Press the **OK** soft key.
3. Enter the URL address (up to 128 characters).
4. Press the **OK** soft key.

Go: allows you to open the selected page.

Delete: allows you to delete the selected bookmark.

Goto

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 **Go** soft key.

Gift Box

Menu 8-5

Others can send you screensaver or 40 poly melody as gifts via Samsung Fun Club. These gifts will be stored in your gift box.

Once you receive the gifts, you can select them in gift box, select, and select the website URL, you can download your gifts of images or melody.

SFC Setting

Menu 8-6

Two options, **China** and **HongKong** are available. These areas mean where the SFC server is. The default setting is China.





Whenever you move to HongKong or China, you should change this setting to use the SFC service.

Navigating with the WAP Browser

You can surf the Internet using either the phone keys or the WAP Browser menu.

Using the Phone Keys





When surfing the Internet, the phone keys function differently from the phone mode.

To...	Then press...
Scroll each line of the content area	 or 
Return to the previous page	 (except on the homepage).
Return to the startup homepage	 and hold it down anywhere.

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

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

The following options are available.

Back: returns to the previous page.

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

Exit: exits the WAP browser.

Inbox: stores received push messages or WAP data.


Reload: reloads the current page.

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

About...: shows the version of the WAP browser.



Entering Text, Numbers or Symbols

When you are prompted to enter text, the current text entry mode appears above the right soft key: abc/Abc/ABC, NUM or SYM 1 ~ 4. To change modes, 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 switch between lower- and upper-case letters by pressing .

NUM: allows you to enter numbers.

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

If you wish to edit text, move the cursor to the required position, using  and clear the incorrect letter by pressing . Then enter the correct letter.

Network Connection Information

To check the network connection time, press and hold down . You can see the connection time on the last line of the content area. The linger time is one or more minutes (depending on your service provider). Consequently, if you do not use the browser for one or more minutes, the network is disconnected automatically. In this case, you can see that the connection time is stopped at that point. The connection time is reset whenever you exit the browser.

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 as required. If you subscribe to this network service, a few additional menu options enable you to set up this feature.

1. Selecting a Line

You can set a line for use, or manually for each call with the **Active Line** Menu (5-1-12). For further details, refer to page 95.

2. Editing the Line Name

You can edit the name of each line with the **Own Number** Menu (5-1-2).

When you edit the name of a line, you can see the name in every menu string which are shown as "Line 1" or "Line 2". For further details, refer to page 91.

3. Setting the Ring Type

To distinguish between incoming calls on the two lines, you can select a different ring tone for each line with the **Ring Tone** Menu (4-1). See page 82 for further details.

4. Setting Call Diverting Options

You can set up call diverting with **Call Diverting** Menu (5-2-1). This service enables incoming calls of the line which you want to be reroute to the number that you specify. Please see page 96 for further details.

Solving Problems

Before contacting 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.

Phone Locked

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

Enter PIN

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


Enter PUK

- The PIN code 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  ?
- 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 ( 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 in the bottom right side of the phone.

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

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

The audio quality of the call is poor

- Check the signal strength indicator in the display (📶); the number of bars after it 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 enable 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 Settings** menu (5-3) options. See page 106 for further details.

Phone Password

This security code can be used to avoid unauthorised use of the phone. The security code 0000 is the factory default setting but you are advised to change the security code before you start using your phone. Keep the new code secret and in a safe place, which is separate from the phone.

If you key in an incorrect security code five times in succession, the phone will not accept the correct code for the next five minutes.

PIN code

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled (**Menu 5-3-1**), the code is asked each time the phone is switched on.

If you key in an incorrect PIN code three times in succession, key in the PUK code and press the **OK** soft key. Key in a new PIN code and press the **OK** soft key. Key in the new PIN code again and press the **OK** soft key.

PIN2 code

The PIN2 code, 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 code three times in succession, key in the PUK2 code and press the **OK** soft key. Key in a new PIN2 code and press the **OK** soft key. Key in the new PIN2 code again and press the **OK** soft key.

PUK code

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

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

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

PUK2 code

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

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

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

Call Barring Password

The 4-digit 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

Battery Safety

Standby time will be reduced in the following conditions:

- When you use the additional features on your phone such as writing and storing messages, playing games, connecting to the Internet, and so on.
- If you are frequently out of the service area.
- If you are out of the service area for a long period of time.
- If you use the phone out of the network's local service area.
- If you use the talk mode repeatedly.
- The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the operation time for both talk mode and standby mode is reduced by about half, it is time to buy a new battery.

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road Safety

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

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

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

5. Do not take notes or look up phone numbers while driving. Jotting down a To Do list or flipping through your phonebook takes your attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make the people with whom you are talking aware that you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial the emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see a car accident, crime in progress or other serious emergency where lives are in danger, call the emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle

posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or any other special non-emergency wireless number.

Operating Environment

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

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

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

Electronic Devices

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

Pacemakers

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

Persons with pacemakers:

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

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

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

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch off your phone before boarding an aircraft. The use of wireless phones in aircraft may be dangerous to the operation of the aircraft, and is illegal.

- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and Maintenance

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

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

Glossary

To help you understand the main technical terms and abbreviations used in this booklet and 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

Service 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.

Phone's Password

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

PIN (Personal Identification Number)

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

PUK (PIN Unblocking Key)

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

Roaming

Use of your phone when you are outside your home area (when 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 (up to 160 characters long) 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.




How to Access the Menu Function

- ① Press the **Menu** soft key
- ② Scroll with  ( or ) until you reach the required menu.
- ③ Press the **Select** soft key.
- ④ Scroll with  or  through the list of setting options until the required option is selected.
- ⑤ Press the **OK** soft key to confirm.





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

SGH-T408 GSM Telephone

Quick Reference Card

Switch On/Off	Press and hold down 
Make a Call	(Direct Call) <ol style="list-style-type: none"> ① Key in the number. ② Press  (Voice Dial) Provided that the name is recorded and the Active Folder menu option (5-1-10) is set to Voice Dial : <ol style="list-style-type: none"> ① Open the phone. ② Say the name. Briefly press  .
End a Call	



<p>Answer a Call</p>	<p>Open the phone or Press .</p>	<p>Search for a Number in the PhoneBook</p>	<ol style="list-style-type: none"> 1 Press the Phonebook soft key. 2 Enter the start of the name. 3 Press the Find soft key. 4 To scroll through the names, press  or . 5 To make a call, press .
<p>Adjust the Volume</p>	<p>Press the volume keys on the left side of the phone.</p>		
<p>Store Numbers in the PhoneBook</p>	<ol style="list-style-type: none"> 1 Type in the number. 2 Press the Save soft key. 3 Enter the name. 4 Press the Save soft key. 5 If necessary, change the location. 6 Press the OK soft key. 	<p>Record a Name for Voice Dialling</p>	<ol style="list-style-type: none"> 1 Press the Phonebook soft key. 2 Press the Options soft key. 3 Select the Voice Record option. 4 Record the name and follow the instructions.