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

SAMSUNG

ELECTRONICS

SGH-E810
User Guide

Customised for
vodafone *live!™*

Contents

Important Safety Precautions

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

Road Safety at All Times

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

Switching Off When Refuelling

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

Switching Off in an Aircraft

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

Switching Off in Hospitals

Switch your phone off 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

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

Sensible Use

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

Emergency Call

Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press the ⌕ key. You must deactivate any unnecessary features in use before you can make an emergency call. Give all necessary information as accurately as possible. Do not cut off the call until given permission to do so.

Water Resistance

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

Accessories and Batteries

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

Qualified Service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and Safety Information" on page 166.

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

Unpacking

Your package contains the following items:

Handset

Travel Charger

Battery

Necklace Headset

User's Manuals

Finger Strap

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

You can obtain the following accessories for your phone from your local Samsung dealer:

- Standard/slim battery
- Simple handsfree car kit
- Battery charger
- Travel charger
- Stylish handsfree car kit

- Necklace headset
- Car cradle
- Finger strap
- PC data link kit

Your Phone

Phone Layout

The following illustration shows the main elements of your phone:

Camera — Earpiece

Slider — Display

— Navigation (Up/Down/Left/Right) keys

Ear-microphone jack — Menu access/confirm key (Centre)

Soft key (left) — Soft key (right)

Volume/menu browse keys — Power on/off/menu exit key

Dial key — Camera key

Alphanumeric keys — Cancel/correction key

IrDA port —

Special function keys — Microphone

Key(s)	**Description**

In Menu mode, scrolls through the menu options.

When entering text, moves the cursor up and down depending on the direction of the key you pressed.

In Idle mode, allows you to access your favourite menu options directly. For further details about shortcuts, see page 137.

When entering text, moves the cursor to the left and right, depending on the direction of the key you pressed. When there are options available, pressing this key selects the first option immediately.

In Idle mode, allows you to access your favourite menu options directly. For further details about shortcuts, see page 137.

(soft keys) Performs the functions indicated by the text above them, on the bottom line of the display.

Enters Menu mode in Idle mode.

In Menu mode, selects the current menu or option or confirms your input. When there are options available, pressing this key selects the first option immediately.

Deletes characters from the display.

In Menu mode, returns you to the previous screen.

11

Key(s) **Description** (continued)

Makes or answers a call.

In Idle mode, recalls the last number dialled, missed or received when held down.

Ends a call. Also switches on and off the phone when held down.

In Menu mode, cancels your input and returns the phone to Idle mode.

In Idle mode, accesses your voicemail server when held down.

Enters numbers, letters, and some special characters.

Enters special characters. Performs various functions.

(on the right side of the phone) In Idle mode, enters the **Camera** menu. Enters Capture mode when held down.

In Capture mode, takes a photo.

(on the left side of the phone) During a call, adjusts the earpiece volume.

In Idle mode, adjusts the keypad tone volume.

In Menu mode, scrolls through menu options.

Display

Display Layout

The display has three areas:

Icons

Text and
graphics area

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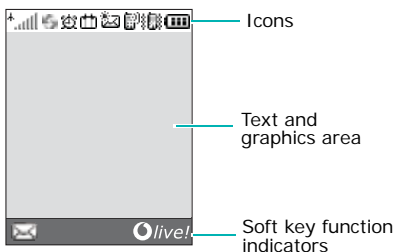
Area	Description
First line	Displays various icons. See page 14.
Middle lines	Displays messages, instructions, and any information that you enter, such as the number you are dialling.
Last line	Shows the current functions assigned to the two soft keys.

Icons

Icon Description

⁺ᵢₗₗₗ Shows the received signal strength. The greater the number of bars, the stronger the signal.

🔄 Appears when the IrDA port is active. For details, see page 135.

⏰ Appears when you set an alarm to ring at a specified time.

🏠 Appears when you are out of your home area and have logged onto a different network; for example, when travelling in other countries.

✉ Appears when a new SMS (Short Message Service) message has been received.

💬 Appears when a new voice mail message has been received.

📧 Appears when a new MMS (Multimedia Message Service) message has been received.

📞 Appears when a call is in progress.

📵 Appears when you are out of your service area. When it displays, you cannot make or receive a call.

📶 Appears when you are connected to the GPRS network.

Icon Description (continued)

Appears when you are in Home zone, if your service provider supports it.

Appears when you are in Office zone, if your service provider supports it.

Appears when you set incoming calls to be diverted to another destination. When your SIM card supports ALS (Alternate Line Service), it may appears with the number of the current line, such as the icons shown.

Appears when Silent mode is active or when you set the phone to vibrate when you receive a call. For further details, see page 31 and page 142 respectively.

Appears when Mute mode is active.

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

Backlight

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

To specify the length of time the backlight is active, set the **Back light** menu. See page 140 for further details.

15

Service Light

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

To activate or deactivate the service light, use the **Service light** menu (**Menu 9.2.4**). See page 140 for further details.

Camera

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

For further details about the Camera feature, see page 106.

Flashlight

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

For further details about the Flash light option, see page 109.

Getting Started

Installing the SIM Card

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

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

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

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

2. Remove the battery. To do so:

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

   ② Lift the battery away, as shown.
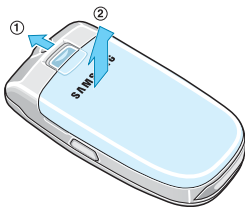
3. Slide the SIM card into the SIM card socket so that the card locks into position.

Make sure the metal contacts of the card face into the phone.
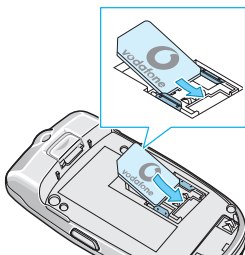
Note: When you need to remove the SIM card, slide it upward, as shown, and take it out of the socket.
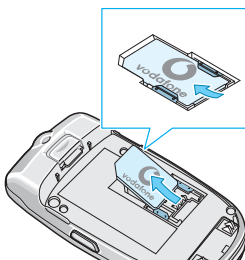
4. Replace the battery so that the tabs on the end align with the slots at the bottom of the phone.
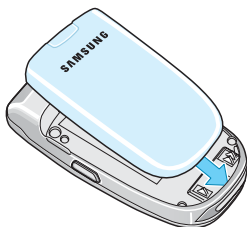
5. Press the battery down until it clicks into place. Make sure that the battery is properly installed before switching on the power.

Charging the Battery

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

The travel charger allows you to use the phone while the battery is charging, but this causes the phone to charge more slowly.

Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 100 minutes.

1. With the battery in position on the phone, plug the connector of the travel charger into the jack at the bottom of the phone.
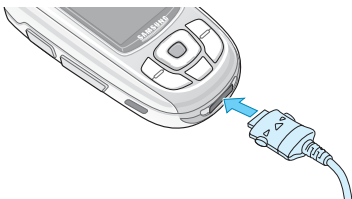
2. Plug the charger into a standard AC wall outlet.

3. When charging is finished, unplug the charger from the power outlet and disconnect it from the phone by pressing the buttons on both sides of the connector and pulling the connector out.
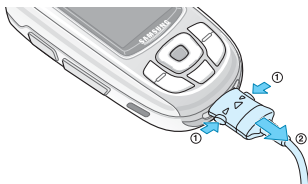
Note: You must unplug the charger before removing the battery from the phone during charging; otherwise, the phone could be damaged.

Low Battery Indicator

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

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

Switching the Phone On or Off

1. Press and hold the ☎\\① key until the phone switches on.

2. If the phone asks you to enter a password, enter a password and press the Centre key or the **Ok** soft key.

   The phone password is preset to "00000000" at the factory. For further details, see page 162.

3. If the phone asks for a PIN, enter the PIN and press the Centre key or the **Ok** soft key. For further details, see page 163.

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

   Note: The display language is preset to English at the factory. To change the language, use the **Language** menu (**Menu 9.1.3**). For further details, see page 136.

4. When you wish to switch off the phone, press and hold the ☎\℗ key until the power-off image displays.

Using the Keypad Lock Feature

You can push the slider up to use the number keypad and back down to make the phone compact.

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

When you press and hold down the Left soft key or one of the Volume keys on the left side of the phone, the display turns on. To unlock the keypad, press the **Unlock** soft key and then press the **Ok** soft key. The keypad is activated and you can use the phone's functions.

Call Functions

Making a Call

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

Note: When you activate the **Auto redial** option in the **Extra settings** menu (**Menu 9.1.5**), the phone will automatically redial up to ten times when the person does not answer the call or is already on the phone. See page 138 for further details.

Making an International Call

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

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

Correcting the Number

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

Ending a Call

When you want to end your call, briefly press the 🔚 key or push the slider down.

Redialling the Last Number

The phone stores the numbers of the calls you've dialled, received or missed if the call recipient or caller is identified. See "Call log" on page 128 for further details.

To recall any of these numbers:

1. If you have typed characters on the display, press the 🔚 key to return to Idle mode.

2. Press the 🔽 key to display a list of the most recent numbers used, in the order you dialled or received them.

3. Use the Up and Down keys to scroll through the numbers until the number you want highlights.

4.

To	Press the
dial the number	🔽 key.
view the number in Edit mode	Centre key, or press the **Options** soft key and select **View**.
delete the number	**Options** soft key and select **Delete**.
delete all of the numbers on the Call log list	**Options** soft key and select **Delete all**. For details, see page 130.

Making a Call from the Contacts List

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

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

For further details about the Contacts feature, see page 122.

Storing a Number in Idle Mode

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

1. Enter the number you want to store.

   Note: If you make a mistake while entering a number, correct it using the **C** key or the **Clear** soft key. For further details, see page 22.

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

3. Select an icon to identify the category in which the number is to be stored. Three categories are available:

   • 📱 : Mobile phone number
   • 💼: Office number
   • 🏠: Home number

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

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

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

5. Enter a name and press the Centre key or the **Ok** soft key.

   For further details about how to enter characters, see page 34.

6. If you do not want to save the number and name in the suggested location, press the **C** key or the **Clear** soft key to clear the location number and enter another location by pressing the numeric keys.

7. Press the Centre key or the **Ok** soft key to store the name and number.

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

8.

To	Press the
use the entry options	**Options** soft key. For further details, see page 123.
dial the number	Centre key or the ↖ key.
return to the idle screen	↩⁰ key.

Dialling a Number from Contacts

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

Note: If you don't remember a location number, you must go into the **Contacts list** menu to search for the entry by name. See page 122

To dial a number from the SIM card:

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

   The list of the entries in the SIM card appears.

2. If necessary, scroll through the list using the Up or Down key.

3. When the number displays, press the **Dial** soft key, the ↖ key, or the Centre key.

To dial a number from the phone's memory:

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

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

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

3. If necessary, scroll through the list using the Up or Down key.

4. When the number displays, press the **Dial** soft key, the ↖ key, or the Centre key.

Adjusting the Volume

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

Press the ▲ key to increase the volume level and the ▼ key to decrease the level.
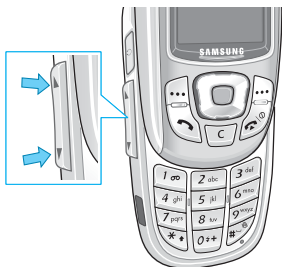
In Idle mode, you can also adjust the keypad tone volume using these keys.

Answering a Call

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

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

1. If necessary, push the slider up. Press the ✆ key or the **Accept** soft key to answer the incoming call.

   When the **Anykey answer** option in the **Extra settings** menu (**Menu 9.1.5**) is activated, you can press any key to answer a call except for the ☎ key and the **Reject** soft key. See page 137.

   When the **Active slider** option in the **Extra settings** menu (**Menu 9.1.5**) is activated, you can answer the call simply by pushing the slider up. See page 138.

   Note: To reject the call, press the **Reject** soft key or the ☎ key.

2. End the call by pushing the slider down or pressing the ☎ key.

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

Viewing Missed Calls

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

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

To view a missed call immediately:

1. If necessary, push the slider up.

2. Press the Centre key or the **View** soft key.

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

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

Editing a Missed Call Number

1. Press the Centre key.

   You can also press the **Options** soft key and then press the **Select** soft key or the Centre key when the **View** option highlights.

2. Change the number.

3.	To	Press the
	call the number	↰ key.
	store the number	Centre key or the **Save** soft key and enter a name and location. For further details, see page 24.

Deleting a Missed Call

1. Press the **Options** soft key.

2. If necessary, press the Up or Down key to highlight the **Delete** option.

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

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

Note: You can access the Missed call feature at any time by selecting the **Missed calls** (**Menu 8.5.1**) menu. For further details, see page 128.

Quickly Switching to Silent Mode

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

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

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

Option	New Setting
Alert type	Vibration
Keypad tone	Off
SMS/MMS tone	Light + Vibration
SMS-CB tone	Light only
Slider tone	Off
Power off tone	Off
Error tone	Off

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

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

Selecting Functions and Options

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

Using the Soft Keys

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

Example:

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

Press the right soft key to launch the WAP (Wireless Application Protocol) browser.

Selecting Options

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

1. Press the appropriate soft key.

2.

To	Press the
select the: • function displayed • option highlighted	Centre key or the **Select** soft key.
view the next function or highlight the next option on a list	Down key or the ▼ key on the left side of the phone.
move back to the previous function or option on a list	Up key or the ▲ key on the left side of the phone.
move back up one level in the menu structure	**Back** soft key or the **C** key.
exit the menu structure without changing the settings	☏⓪ key.

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

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

Entering Text

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

Your phone has the following text input modes:

- **Alphabet mode**

  This mode allows you to enter letters by pressing the key labelled with the letter you want. Press the key once, twice, three, or four times until it displays.

- **T9 mode**

  This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing the **5** key can enter J, K, or L. However, T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional Alphabet mode.

- **Number mode**

  This mode allows you to enter numbers.

- **Symbol mode**

  This mode allows you to enter various symbols and special characters.

Changing the Text Input Mode

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

<u>Example</u>: Writing an SMS message

Text input mode indicator

Create message ⓘⓘ918/1

Options   Back
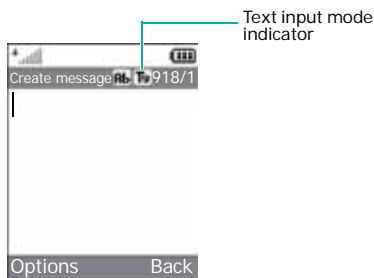
1. Press and hold the ✳ key to switch between Alphabet mode and T9 mode.

   In T9 mode, 🆃9 appears on the menu title bar. In Alphabet mode, no indicator appears.

2. Press the ✳ key to switch to the following modes:

To select	Press the ✳ key until
Initial Capital mode	**Ab** displays.
Capital Lock mode	**AB** displays.
Lower Case mode	**ab** displays.
Number mode	**1** displays. See page 39.
Symbol mode	**S** displays. See page 39.

Notes:
• Additional text input modes may be available, depending on your country.

Using Alphabet Mode

Use the **1** to **0** keys to enter your text.

1. Press the keys labelled with the letter you want:

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

2. Select the other letters in the same way.

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

Refer to the table below for further details about available characters:

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

Note: The characters available in Alphabet mode may be different, depending on your country.

- To insert a space, press the **#** key.

- You can move the cursor by using the Navigation keys. To delete letters, press the **C** key or the **Clear** soft key. Press and hold the **C** key or the **Clear** soft key to clear the display.

Using T9 Mode

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

To enter a word in T9 mode:

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

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

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

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

3. When the word displays correctly, go to step 4.

   If the word doesn't display correctly, press the **0** key or the Up or Down key repeatedly to display alternative word choices for the keys that you have pressed.

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

4. Put a space by pressing the **#** key and start entering the next word.

To add a new word into the T9 dictionary:

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

2. When there are no more alternative words, the display shows **Add** on the bottom line. Press the Centre key or the **Add** soft key.

3. If necessary, clear the word using the **Clear** soft key or the **C** key and enter the word you want to add using Alphabet mode. See page 36.

4. Press the Centre key or the **Ok** soft key.

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

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

• To enter periods, hyphens, or apostrophes, press the **1** key. T9 mode applies grammar rules to ensure that correct punctuation is used.

   Example: The **1** key is used twice to display two punctuation marks:

5 ⱼₖₗ	3 ᵈᵉᶠ	8 ᵗᵘᵛ	1 ∞	7 ₚqᵣₛ	# ⁻ᵠ	3 ᵈᵉᶠ	2 ₐᵦᵪ	8 ᵗᵘᵛ	1 ∞
L	e	t	'	s		e	a	t	.
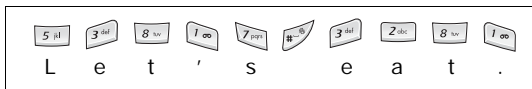
• You can move the cursor by using the Navigation key. To delete letters, press the **C** key or the **Clear** soft key. Press and hold the **C** key or the **Clear** soft key to clear the display.

Using Number Mode

Number mode enables you to enter numbers. Press the keys corresponding to the digits you want to enter.

Using Symbol Mode

Symbol mode enables you to insert symbols.

To	Press the
select a symbol	corresponding numeric key.
display more symbols	Up or Down key.
insert the symbol(s) into your message	Centre key or the **Ok** soft key.
clear the symbol(s)	**Clear** soft key or the **C** key. When the input field is empty, this key returns to the previous mode.
return to the previous input mode	**Back** soft key or **C** key.

Options During a Call

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

Putting a Call on Hold

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

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

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

1. Enter the phone number that you wish to dial or look it up in Contacts.

   For details about searching for a number in Contacts, see page 122.

2. Press the ✆ key to dial the second call.

   The first call is automatically put on hold.

Alternatively,

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

2. Make the second call in the normal way.

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

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

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

When you want to finish, end each call normally by pressing the ☎\⓪ key.

Using the Menu Functions

You can access the main menu functions during a call.

1. Press the Centre key.

   You can also press the **Options** soft key and then press the Centre key or press the **Ok** soft key when the **Menu** option highlights.

2. Press the Up or Down key to scroll through the menu list.

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

3. When the menu you want highlights, press the Centre key or the **Select** soft key.

4. If the selected menu has sub-options, repeat steps 2 and 3.

For further details about available menu functions, see the list on page 50.

Switching Off the Microphone (Mute)

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

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

To switch off the microphone temporarily:

1. Press the **Options** soft key.

2. Press the Down key to highlight the **Mute** option.

3. Press the Centre key or the **Ok** soft key.

   The other person can no longer hear you.

To switch back off the microphone:

1. Press the **Options** soft key.

2. If necessary, press the Down key to highlight the **Unmute** option.

3. Press the Centre key or the **Ok** soft key.

   The other person can hear you again.

Muting or Sending Key Tones

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

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

Sending a Sequence of DTMF Tones

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

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

To send the DTMF tones:

1. While connected to the teleservice system, press the **Options** soft key.

2. Press the Down key to highlight the **Send DTMF** option.

3. Press the Centre key or the **Ok** soft key.

4. Enter the number you want to send and press the Centre key.

   The tones are sent.

Searching for a Number in Contacts

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

1. Press the **Options** soft key.

2. Press the Down key to highlight the **Contacts** option.

3. Press the Centre key or the **Ok** soft key.

    The Contacts entries are listed.

4. Enter the name that you wish to find.

    If you enter the first few letters of the name, the Contacts entries are listed starting with the first entry matching your input.

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

For further details about the Contacts feature, see page 122.

Call Waiting

You can answer an incoming call while you have a call in progress, if your network supports this service and you have set the **Call waiting** menu (**Menu 9.4.3**) to **Activate**; see page 149. You are notified of an incoming call by a call waiting tone.

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

1. Press the ✆ key to answer the incoming call. The first call is automatically put on hold.

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

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

   To end the current call, press the ✆ key.

Making a Multi-party Call

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

Setting up a Multi-party Call

1. Call the first participant in the normal way.

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

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

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

You can add incoming callers by answering the call, pressing the **Options** soft key, 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. Press the Centre key.

   The list of call participants appears.

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

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

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

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

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

Dropping One Participant

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

   The list of call participants appears.

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

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

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

4. When you want to end the multi-party call, push the slider down or press the ☎⁰ key.

Using the Menus

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

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

Accessing a Menu Function by Scrolling

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

2. Scroll using the Navigation keys to reach a main menu, **Settings** for example. Press the Centre key or the **Select** soft key to enter the menu.

3. Scroll using the Up or Down key to reach a menu, **Phone settings** for example. Press the Centre key or the **Select** soft key to enter the menu.

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

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

5.

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

5.	To	Press the
	return to the previous menu level	**Back** soft key or **C** key.
	exit the menu without changing the settings	☎\⓪ key.

Using Shortcuts

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

Press the Centre key and enter the number of the menu you want.

Notes:
• The numbers assigned to each menu are indicated on the list on page 50. They may not match the menu number on the phone, depending on the services supported by your SIM card.
• For menu number 10 and 11, use the **0** and ✳ keys respectively.

Example: Accessing the **Language** menu.

1. Press the Centre key.

2. Press the **9** key for **Settings**.

3. Press the **1** key for **Phone settings**.

4. Press the **3** key for **Language**.

   The languages available display.

List of Menu Functions

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

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[*] Actives only if supported by your SIM card.

* Shows when the closed user group feature is activated.

---

* Shows only if supported by your SIM card.

Games & more

In this menu, you can

- enjoy downloaded MIDlets (Java applications that run on mobile phones).
- download applications from the web site provided by your service provider.
- change the DNS (Domain name server) setting required for accessing Java services, if necessary.

Saved applications

When you access this menu, the list of the default games appears. Once you have downloaded games, they are added to the list.

Launching a MIDlet

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

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

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

   The following options are available:

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

   - **CONTINUE**: allows you to continue the last game you played.

   - **HIGH SCORE**: shows the high score table. This option may not be available for some games.

- **HOW TO PLAY**: shows how to play the game and the key functions for the game.

- **OPTION**: allows you to switch on or off the game sound.

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

While you are playing a game, to	Press the
adjust the sound volume	Volume keys.
return to the startup screen	# key.
exit the game	⬅️◎ key.

Viewing MIDlet Information

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

   The display shows information about the MIDlet, such as the file size, application version, and its vendor.

2. Press the Up or Down key to scroll through the information screen. Press the Left or Right key to scroll to other MIDlet information.

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

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

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

Entering Text

If you need to enter text while using a MIDlet, you can use the following input modes:

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

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

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

Symbol mode: allows you to enter symbols. After highlighting a symbol by pressing the Navigation keys, press the Centre key to insert it.

T9 mode (**T9**): allows you to enter English characters by pressing one key per letter. In this mode, you can change the case by pressing the **0** key.

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

More games

When you select this menu, you are accessed to the web site preset by your service provider and download more MIDlet games.

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

DNS settings

The DNS (Domain Name Server) is the server that assigns the Java server domain name to an IP address. The DNS setting is preset at the factory, but sometimes you may need to change it at your service provider's instructions.

1. Enter the primary address using the number keypad and press the Centre key or the **Ok** soft key.

2. Enter the secondary address and press the Centre key or the **Ok** soft key.

Vodafone live!

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

Vodafone live!

Selecting this menu connects the phone to the network and loads the homepage of the Wireless Web service provider. You can also press the ◐ *live!* soft key in Idle mode to launch the browser.

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

Note: To go to the startup homepage from any other screen in the WAP browser, use the **Home** option. For further details about the WAP Browser menus, see page 62.

Exiting the WAP Browser

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

Navigating the WAP Browser

To	Press the
scroll through and select browser items	Up or Down key and then press the Centre key or the **Select** soft key to confirm the selection.
return to the previous page	**Back** soft key or the **C** key.

To	Press the
return to the startup homepage	✳ key for more than 2 seconds and select **Home**. For further details about this option, see page 62.
use the Browser menu	✳ key for more than 2 seconds.

Entering Text in the WAP Browser

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

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

The following modes are available:

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

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

Note: You can enter symbols and punctuation marks in Upper-case or Lower-case Character mode. For details about available characters, see page 36.

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

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

Selecting and Using Browser Menu Options

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

To access a menu option:

1. Press and hold the ✳ key.

   A menu list displays.

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

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

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

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

The following options are available:

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

Reload: reloads the current page.

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

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

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

To	Press the
set the current page as your startup home page	**Options** soft key and select the **Save to home** option.
set a bookmark for the current page	**Option** soft key and select the **Save to bookmark** option.
cancel your setting	**C** key or **Back** soft key.

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

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

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

Show images: shows the image on the current web page.

Enter URL

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

For further details about how to enter characters, see page 34.

After entering the address, press the **Ok** soft key or Centre key to access the web site.

Bookmarks

This menu allows you to store up to 13 URL addresses. The first bookmark item is a default link preset by your service provider. You can change or delete the item.

You can access this menu directly by pressing and holding the ✳ key while using the WAP browser.

To store a URL address:

1. Select an empty location and press the Centre key or the **Edit** soft key.

2. Enter the address and press the Centre key or **Ok** soft key.

   For further details about how to enter characters, see page 34.

3. Enter a name for the item and press the **Ok** soft key or the Centre key.

After saving an item, you can use the following options by pressing the **Options** soft key:

Go to URL: takes you to the site.

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

Delete: deletes the bookmark item.

What's new

Selecting this menu loads the web site preset by your service provider so that you can obtain latest information about your service provider.

Games

Selecting this menu loads the web site preset by
your service provider so that you can obtain
information about latest games and download
various games.

Ringtones

Selecting this menu loads the web site preset by
your service provider so that you can download
various ring tones and melodies.

Note: You may not able to download some ring tones
if they are not in the correct file format.

Pictures

Selecting this menu loads the web site preset by
your service provider so that you can download
various pictures and animated images.

Note: You may not able to download some pictures if
they are not in the correct file format.

News

Selecting this menu loads the web site preset by
your service provider so that you can obtain latest
news.

Browser settings

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

Notes:
- The last profile accessed is automatically selected for connecting to the Wireless Web.
- Changing the default profile, Vodafone live!, is not allowed.
- Depending on your country, the availability of the setting options may vary.

For each server, the following options are available:

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

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

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

Bearer: select a bearer to be used for each type of network address accessed; **GPRS**, **Data**, or **GPRS preferred**.

When you select **GPRS preferred**, the phone searches for a GPRS network first. If a GPRS network is not available, the phone uses a GSM (Data) network.

The remaining options depend on the Bearer setting.

When the bearer is set to **GPRS** or **GPRS preferred**:

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

User name: enter the User ID required to connect to the GPRS network.

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

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

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

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

Login name: enter the PPP server login ID.

Password: enter the PPP server password.

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

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

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

Clear cache

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

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

Applications

In this menu, you can use the various applications which provides you with convenient features.

Vodafone (SIM AT menu)

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

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

Alarms

This feature allows you to:

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

The following options are available:

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

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

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

To set an alarm:

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

2. Enter the time for the alarm to sound.

   Note: Your phone is preset to a 24-hour format. To change the format, see page 153.

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

   • **Set alarm**: sets the alarm.

   • **Remove alarm**: deactivates the current alarm.

   • **Alarm tone**: allows you to select the alarm melody.

3. Press the Centre key or the **Ok** soft key.

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

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

To stop the alarm when it rings, press one of the **Exit** soft key, the Volume keys, and the 🕿⁰ key.

Remove all alarms: deactivates all alarm settings.

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

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

Calculator

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

1. Enter the first number using the numeric keys.

   Notes:
   • You can move the cursor by pressing the ✳ or # key.
   • To delete mistakes or clear the display, press the **C** key or the **Clear** soft key.
   • To include a decimal point or a bracket, press the left soft key until the symbol you want displays.

2. Enter the operation for your calculation by pressing the Navigation keys, according to the illustration on the display.

3. Enter the second number.

4. To view the result, press the Centre key.

5. Repeat steps 1 to 4 as many times as required.

To do list

This feature allows you to:

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

Creating the To Do List

1. Press the Centre key or the **Add new** soft key.

2. Enter the first task.

   Note: For further details about how to enter
           characters, see page 34.

3. Press the Centre key or the **Ok** soft key.

4. Select a priority level of High, Normal, or Low,
   using the Up or Down key and press the Centre
   key or the **Select** soft key.

5. Enter your deadline and press the Centre key or
   the **Skip** soft key.

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

Editing the To Do List

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

Scroll to a task from the list and press the Centre
key to view the details for the task. You can scroll
through the tasks using the Up and Down keys, if
necessary.

To change the status of a specific task, press the ✳ key to mark the task as completed as of the current time and date.

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

View: shows the details of a specific task.

Add new: allows you to create a new task.

Status: allows you to change the status of a task. Select the appropriate status (**Completed** or **To do**)

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

Sort: allows you to sort the existing tasks by priority or status. Select the sort criterion (**High**, **Low**, **Completed**, or **To do**).

Copy: allows you to copy a task.

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

Delete: deletes a task.

Delete all: allows you to delete all tasks.

Voice recorder

You can record voice memos. After recording, you can send a memo to other people via MMS message.

Record

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

1. To start recording, press the Centre key or the **Record** soft key.

2. Record a memo by speaking into the microphone.

3. When you press the Centre key or the **Stop** soft key, or if the recording time expires, the following options display:

   • **Play**: plays back your memo.

   • **Re-record**: discards the memo and enables you to record another one.

   • **Save**: allows you to save the memo.

4. To save the memo, choose **Save** from the options and press the Centre key or the **Select** soft key.

5. Press the **Clear** soft key or the **C** key to clear the default name, if necessary, and enter a name for the memo.

   For further details about how to enter characters, see page 34.

6. Press the Centre key or the **Ok** soft key.

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

7. Press the **Options** soft key to use the following memo options:

   • **Send MMS**: allows you to send the memo to other people by using the MMS feature. See page 76 for further details about sending a message.

   • **Rename**: allows you to change the memo's name.

   • **Delete**: deletes the memo.

   Note: To select the **Send MMS** option directly, press the Centre key.

8. To exit, press the **Back** soft key or the **C** key.

My sounds

This menu shows a list of saved voice memos. Scroll to a memo and press the Centre key to play the memo.

On the My sounds list, press the **Options** soft key to use the following options:

Play: plays the memo.

Send MMS: allows you to send the memo to other people by using the MMS feature. See page 76 for further details about sending a message.

Rename: allows you to change the memo's name.

Information: displays information about the memo, such as the name, the date when the memo was made, recording duration, and memory size.

Delete: deletes the memo.

Delete all

In this menu, you can delete all of your voice memos.

When a confirmation message appears, press the Centre key or the **Yes** soft key. When the phone asks for confirmation again, press the Centre key or the **Yes** soft key one more time.

Memory status

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

The display shows the total, free, and used memory, including the number of memos you recorded and the total number of memos you can record. Press the Up and Down keys to scroll through the screen.

Currency converter

Using this menu, you can figure out currency conversions.

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

   You can insert a decimal point by pressing the # key.

2. Enter the amount to convert and press the Centre key or the **Ok** soft key.

   The amount you entered and its equivalent value display.

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

Messages

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

• SMS (Short Message Service) messages
• MMS (Multimedia Message Service) messages
• Postcards
• WAP push messages
• voice mail
• cell broadcast messages

You can also access online album, mail, and messenger services preset by your service provider.

Note: You can quickly access the **Messages** menu by pressing the [icon] soft key in Idle mode.

Create message

This menu allows you to create a new message.

MMS

Multimedia Message Service (MMS) is a messaging service that provides delivery of personal MMS messages from phone to phone or from phone to e-mail.

In addition to the familiar text content of SMS messages, MMS messages can contain images, graphics, voice, and audio clips. An MMS message is a multimedia presentation in a single file entry. It is not a text file with attachments.

Using the MMS feature, your phone can receive and send MMS messages that contain multimedia files, such as photos, sounds, and images you downloaded from the Internet and voice memos you recorded. This function is available only if it is supported by your service provider.

Only phones that offer MMS messaging features can receive and display MMS messages.

Creating and Sending a MMS Message

1. Enter the subject of your message.

   For further details about how to enter characters, see page 34.

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

   • **Ok**: confirms the entered subject and continues to the next step.

   • **Input method**: allows you to change the text input mode.

   • **Input language**: allows you to change the language to be used in T9 input mode.

2. Press the Centre key when you have finished entering the subject.

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

   • **Add text**: allows you to enter the message text. After entering text, press the Centre key.

   • **Add photo**: allows you to add a photo you took using the camera on your phone. Select **Take photo** to take a new photo, or **My photos** to add one of the photos stored in the phone's memory. For further details about using the camera, see page 106.

- **Add picture**: allows you to add a picture stored in the **Pictures** folder. You can add some downloaded images if they are in the correct format and your service provider supports them.

- **Add sound**: allows you to add a sound file. You can record a new voice memo or select one of voice memos or sounds stored in the phone's memory.

- **Send message**: allows you to send the message. Use this option when you finish creating the message.

- **Save**: saves the message in the **MMS Drafts** or **MMS template** box for later use.

- **Settings**: allows you to change the message settings. For further details about each setting option, see page 100. After changing the settings, you need to press the **Back** soft key or the **C** key to go to back to the Options list.

- **Preview**: shows the entire message.

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

4. Repeat step 2 until you finish creating your message.

5. If you want to change the added items, press the Up or Down key to highlight one and press the Centre key or the **Options** soft key to display the Options list.

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

   The following options are available:

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

- **Add page**: allows you to add up to 5 pages. After you add a page, the display shows you the current page number and memory space used for the page. You can move to each page using the Left or Right key on the message screen.

- **Delete text/photo/picture/sound**: deletes the item from your message.

- **Duration**: allows you to set when and how long text, an image or a sound displays on the message presentation screen. If the duration you set is shorter than the content duration for a particular page, the content duration is automatically decreased.

- **Send message**: allows you to send the message.

- **Save**: saves the message in the **MMS Drafts** or **MMS template** box for later use.

- **Settings**: allows you to change the message settings. For further details about each setting option, see page 100.

- **Preview**: shows the entire message.

6. When you have finished creating the message, choose **Send message** from the options and press the Centre key or the **Select** soft key.

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

8. Choose one of the following options and press the Centre key or the **Select** soft key:

- **Contacts list**: allows you to retrieve a number or e-mail address from your Contacts list.

- **Phone number**: allows you to enter the phone number you want.

- **E-mail address**: allows you to enter the e-mail address of the recipient.

9. Enter a number or an e-mail address, or select a number from the Contacts list.

10. When the correct number or address displays, press the Centre key or the **Ok** soft key.

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

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

12. To enter additional numbers or addresses to the other destination types, press the **Back** soft key or the **C** key and repeat steps 7 through 11.

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

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

   Your phone sends the message.

SMS

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

Creating a Simple SMS Message

1. Create your message.

   Note: For further details about how to enter characters, see page 34.

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

   • **Send only**: allows you to send the message. The message is deleted after sending.

   • **Save and send**: allows you to save a copy of the message and then send the message. You can read the message in **SMS Drafts** box.

   • **Save only**: allows you to save the message so that it can be sent later. You can read the message in the **SMS Drafts** box.

   • For further details about **SMS template**, **Input method**, **Input language**, **Text formatting**, **Add objects**, **Add contact**, and **Add bookmark** options, see page 82.

   Note: To select the **Send only** option directly, press the Centre key.

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

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

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

5. Enter a destination number and press the Centre key or the **Ok** soft key.

   The message is sent.

Creating a SMS Message Using Options

1. Create a message.

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

3. Select one of the following options by using the Up or Down key and pressing the Centre key or the **Select** soft key:

   • **SMS template**: allows you to apply one of the preset message templates to the text. Select one of five messages stored in the **SMS templates** menu. For further details, see page 95.

   • **Input method**: allows you to change the text input mode.

   • **Input language**: allows you to change the language to be used in T9 input mode. Select the language you want to use.

- **Text formatting**: allows you to format the style of the text.

  For the **Size** attribute, **Normal**, **Large**, and **Small** sizes are available.

  For the **Bold**, **Italic**, **Underline**, and **Strikethrough** attributes, select **On** or **Off**.

  These attributes can be combined.

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

- **Add contact**: allows you to add a Contacts entry to your message. Select one from the list.

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

4. Complete the message, and send or save it by following the procedure from step 2 on page 81.

Postcard

In this menu, you can send photos stored in the **My photos** menu as a postcard along with a simple greeting. Your message is sent to the MMS centre, where it is formatted, printed and sent out as a real postcard to the address of your choice.

Note: This feature may not be available, depending on your country. Please contact your service provider for further details.

1. Select the photo you want to send using the Navigation keys and press the Centre key.

   Note: Use a photo in maximum resolution.

   You can also select one of the following options by pressing the **Options** soft key:

   • **Select**: selects the photo.

   • **View**: displays the photo on the full screen. To use the photo for sending a postcard, press the **Select** soft key or the Centre key.

2. Enter a greeting message and press the Centre key.

   Note: For further details about how to enter characters, see page 34.

3. Scroll to the field using the Up or Down key and press the Centre key to enter the recipient information.

   The following options are available:

   • **Name**: enter the recipient's name.

   • **Additional information**: enter any additional personal information.

   • **Street**: enter the house number and street.

   • **Zip & City**: enter the zip or postal code.

   • **State/Province**: enter the state or province.

   • **Country**: enter the country. This option may not be available, depending on your country.

   Note: If you do not enter the name, street, and zip code, your postcard cannot be sent.

4. When you have finished, press the **Options** soft key.

   The following options are available:

   • **Send**: sends the postcard.

   • **Save**: saves the postcard in the **Postcard** folder in the **Drafts** box.

   Note: You can also select a name from among your Contacts by selecting the **Contacts list** option. To send the message later, select **Save**. The message will be saved in the Draft box.

5. Select **Send** to send the message and press the Centre key or the **Select** soft key.

Inbox

In this menu, you can access received messages.

MMS

Viewing a Message When You Receive it

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

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

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

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

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

   • **View**: shows the information about message.

   • **Retrieve**: retrieves the message from the MMS server.

   • **Delete**: deletes the message.

   • **properties**: shows you detailed information about the message.

   Note: If the **Auto download** option in the **MMS settings** menu is switched on, your phone automatically retrieves new messages from the server. You can then immediately view the new messages by pressing the **View** soft key. See page 100 for more about the option.

3. To read the message, press the Centre key.

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

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

5. When you have finished, press the ![key] key.

Viewing a Message from the Inbox

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

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

1. Select a message on the list and press the Centre key.

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

2. Press the Centre key or the **Ok** soft key to go to the message view screen.

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

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

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

4. Press the ✳ or ♯ key to scroll to the previous or next message.

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

If you are viewing a new message, the options are the same as when you view a message at the time of its receipt. See page 86.

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

View: shows the message.

Reply: allows you to reply to the sender.

Reply all: allows you to send a reply to the sender and all of the other recipients.

Delete: deletes the message.

Call sender: allows you to call the sender.

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

Forward: allows you to forward the message to another person.

Save picture: allows you to save an image from the message into the **Pictures** folder.

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

Properties: shows you detailed information about the message.

SMS

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

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

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

View: shows the message contents.

Delete: deletes the message.

1. Select a message from the list and press the Centre key.

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

3. On the message screen, you can scroll to the previous or next message, press the ✳ or # key.

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

Reply: allows you to send a reply to the sender.

Delete: deletes the message.

Forward: allows you to forward the message to another person. when the message contains media contents, this option is not available.

Call sender: allows you to call the sender back.

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

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

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

Select objects: allows you to save media objects, such as sounds or images, from the message into your phone. You can use the objects when writing a message. For details, see page 83.

My messages

In this menu, you can access messages you sent or saved for later retrieval. You can also cell broadcast messages from your service provider.

Drafts

This menu stores MMS messages and postcards you saved as a Draft or SMS message you saved and/or sent. When you press the ☎\⓪ key while creating a message, you can also select to save the message in this box.

MMS Drafts

When you select this menu, the list of the MMS messages appears.

Scroll to the message you want to view and press the Centre key.

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

Send: allows you to send the message.

Edit: allows you to change the message.

Delete: allows you to delete the message.

Extract...: extracts the destination numbers or addresses of the message and the URL, e-mail addresses, and phone number from the message text.

Properties: shows the information about the message.

SMS Drafts

When you select this menu, the list of the SMS messages you sent and/or saved appears.

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

View: shows the message contents.

Delete: deletes the message.

Scroll to the message you want to view and press the Centre key.

While viewing the message, you can use the following options by pressing the **Options** soft key.

Edit: allows you to edit the message.

Delete: allows you to delete the message.

Extract...: extracts the destination numbers or addresses of the message and the URL, e-mail addresses, and phone number from the message text.

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

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

Select objects: allows you to save media objects, such as sounds or images, from the message into your phone. You can use the objects when writing a message. For details, see page 83.

Postcard

When you select this menu, the list of the postcards you saved appears.

Scroll to the message you want to view and press the Centre key.

While viewing the message, you can use the following options by pressing the **Options** soft key.

Send: allows you to send the postcard.

Edit: allows you to change the postcard.

Delete: allows you to delete the postcard.

Properties: shows detailed information about the postcard.

Outbox

In this menu, you can access the MMS messages and postcards you sent.

MMS

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

- 📲: Messages currently being sent
- 📩: Messages sent
- 📩: Messages your phone couldn't send
- 📩: Messages to be sent
- 🗒: Messages deferred

Select a message on the list and press the Centre key.

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

Delete: deletes the message.

Send: allows you to send/resend the message.

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

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

Properties: shows you detailed information about the message.

Postcard

When you access this menu, the list of the postcards you sent displays.

Select a message on the list and press the Centre key.

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

Delete: allows you to delete the postcard.

Send: allows you to send the postcard.

Edit: allows you to change the postcard.

Properties: shows detailed information about the postcard.

Templates

In this menu, you can use message templates to easily and quickly create a new message.

MMS templates

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

Your phone has three preset message templates.

Scroll through the template list using the Up or Down key. When the message template you want highlights, press the Centre key.

Press the Centre key or the **Ok** soft key to use the following options, or the display automatically shows the options after a specified time:

View: shows the message contents.

Edit: allows you to change the message template and then send it.

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

SMS templates

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

Select an empty location or the message template you want and press the Centre key to enter a new message.

Once you have preset a message template, you can use the following options by pressing the **Options** soft key:

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

Note: For further details about how to enter characters, see page 34.

Send: allows you to retrieve the message template. Once you have completed the message, you can send, save and send, or simply save it. For further details about how to send a message, see page 76.

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

Cell broadcast

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

• the phone is in Idle mode.

• the **Receive** option is set to **Enable**.

• the message channel is currently active on the channel list.

The following options are available:

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

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

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

Channel list: allows you to indicate the channels from which you wish to receive broadcast messages.

The following options are available:

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

<u>Add channel</u>: use to enter the ID and title for a new channel.

<u>Delete</u>: use to remove a channel from the list.

<u>Edit</u>: use to change the ID and title of an existing channel.

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

Please contact your service provider for further details.

Call voicemail

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

The following options are available:

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

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

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

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

live! Studio*

From this menu, you can access the live! Studio. Your online media album allows you to store your photos and compose MMS messages. You can also access Vodafone content and message templates.

Please contact your service provider for more information.

Vodafone mail

Behind this link, you will find the Vodafone mail service offering you mobile access and management of your e-mails, either by using your Vodafone email account or by fetching your existing email account. This service can be upgraded offering you Unified Messaging-an integrated inbox with all your voice mails, faxes, and e-mails.

Please contact your local service provider for more information.

*In other countries it is called Media Album.

Vodafone messenger

With Vodafone Messenger, you can stay in touch and have fun with friends through instant text conversations. You will know when your friends are available to chat and that they immediately receive your instant messages. When you first start using Vodafone Messenger, all you need to know is your friend's mobile number to build your Vodafone Messenger contacsts list.

Please contact your local service provider for more information.

Push messages

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

The following options are available:

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

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

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

Message settings

In this menu, you can change the various setting for the Message feature.

MMS settings

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

The following options are available:

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

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

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

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

On: the phone automatically retrieves new messages from the server. As soon as you receive a message you can use more options while you are reading. See page 88 for details about the options.

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

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

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

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

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

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

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

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

MMS profiles

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

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

The following options are available for each profile:

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

Connection URL: enter the address of your MMS server.

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

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

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

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

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

For further details, contact your service provider.

SMS settings

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

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

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

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

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

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

Default type: allows you to set the default message type to **Text**, **Fax**, **E-mail**, or **Paging**. The network can convert the messages into the selected format.

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

Common settings: The following options are available:

Reply path: allows the recipient of your message to send you a reply through your message centre, if your network supports this service.

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

Bearer selection: allows you to choose either **GSM** or **GPRS**, depending on your network.

Character support: allows you to choose a character type from **GSM-alphabet**, **Uni-code**, or **Automatic**. If you select **Uni-code** and your recipient's phone does not support it, your recipient may not be able to read your message.

Memory status

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

The following options are available:

MMS: shows the total space, including the free and used space, and how much space is currently occupied by each message box. Press the Up or Down key to scroll through the screen.

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

Delete all

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

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

2.

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

3. Press the Centre key to delete the marked messages.

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

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

Camera

Using the camera module embedded in your phone, you can take photos of people or events while on the move. Additionally, you can send photos to other people in a multimedia message or set one as wallpaper or as a caller ID image for a Contacts entry.

You can also record videos using the phone as a camcorder.

Note: You can quickly access the **Camera** menu by pressing the Camera key (▨) on the right side of the phone in Idle mode.

CAUTION:
• Do not take photos of people without their permission.
• Do not take photos in a place where cameras are not allowed.
• Do not take photos in a place where you may interfere with other person's privacy.

Take photo

This menu allows you to take photos. Your camera produces JPEG pictures.

You can take photos with the slider pushed up.

Note: When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. Accessing the **Take photo** menu turns on the camera on the top left of the phone.

   Alternatively, you can press and hold the Camera (▨) key on the right side of the phone in Idle mode.

The image to be captured appears on the display.

2. Adjust the image by aiming the camera at the subject.

3.

To	**Press the**
flip the image vertically	▲ key.
flip the image horizontally	▼ key.
zoom in or out	Up or Down key.
adjust the brightness	Left or Right key.
use the options	left soft key. For details, see page 108.

4. Press the Centre key or the Camera key to take the photo.

5. Press the Centre key or the **Save** soft key.

   To discard the photo, press the **Cancel** soft key.

6.	**To**	**Press the**
	use the photo options	Centre key or the **Options** soft key. For details, see page 111.
	return to Capture mode	**Back** soft key.
	return to Idle mode	☎\⓪ key.

Using the Camera Options

In Capture mode, you can use various options for the camera by pressing the left soft key.

The following options are available:

Effects: allows you to change the colour tone or apply a special effect to the photo.

Frames: allows you to use a decorated frame. Select a frame from the list using the Navigation keys.

Multi shot: allows you to take a series of action stills. Select the capture speed, **High speed** or **Normal speed**, and the number of photos the camera will take. When you press the Centre key or the Camera key, the camera takes photos successively.

After taking photos, press the **SaveAll** soft key or the Centre key. You can save all of the photos in a separate folder.

Rotation: allows you to rotate the photo. You can flip the photo vertically, see its mirror image, or do both at the same time

Self timer: allows you to set a time delay before the camera takes the photo. Select the length of delay you want. When you press the Centre key or the Camera key, the camera takes the photo after the specified time.

Settings: allows you to change the image settings.

Photo size: sets the image size to either **VGA(640x480)**, **QVGA(320x240)**, **QQVGA(160x120)**, or **Mobile(128x120)**. The selected image size displays on the top of the capture screen.

Photo quality: allows you to select the image quality from **Economy**, **Normal**, **Fine**, and **Super fine**. The selected quality displays on the top of the capture screen.

Flash light: allows you to select the flash light option between **Auto** and **Manual**. When you select **Manual**, press the **0** key to use the flash light and press the **0** key again to deactivate.

Using the Number Keys in Capture Mode

You can use the number keys to customise your camera settings when you are in Capture mode.

key	Function
1	switches to Record mode. See page 110.
2	changes the image size.
3	changes the image quality
4	changes the camera mode.
5	changes the colour tone or applies special effects to the photo.

key	Function
6	removes the white line or spots on the display.
7	uses a frame.
8	sets the timer.
9	switches to the **My photos** menu.

Record video

You can record a video using your phone as a camcorder. You can record up to five videos, regardless their length.

1. When the camera turns on, adjust the image by aiming the camera at the subject.

2.

To	Press the
flip the image vertically	▲ key.
flip the image horizontally	▼ key.
zoom in or out	Up or Down key.
adjust the brightness	Left or Right key.
switch to Capture mode	**1** key. For details, see page 109.
flash on/off	**0** key. For details, see page 109.

3. Press the left soft key, the Centre key, or the Camera key to start recording.

4. When you have finished, press the left soft key, the Centre key, or the Camera key.

   The phone automatically stops when the recording time expires.

5. Press the Centre key or the **Save** soft key. The video is saved and the display returns to Record mode.

   To discard the video, press the **Cancel** soft key.

My photos

This menu allows you to review your photos.

When you access this menu, your phone displays the photos in Thumbnail mode, which shows them as small images. Use the Navigation keys to scroll through the photos.

To view the photos on the full screen, press the Centre key. To go back to Thumbnail mode, press the **Back** soft key or the **C** key.

Press the **Options** soft key to use the following options:

View: displays the photo on the full screen. This option is shown only in Thumbnail mode.

Send MMS: allows you to send the photo to other people as part of a MMS message. For further details, see page 77.

Send postcard: allows you to send the photo as a postcard. For further details, see page 77.

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

Set as wallpaper: allows you to set the photo as your wallpaper on the idle screen.

Set as caller ID: allows you to set the photo as a caller ID image for a Contacts entry.

Protection: allows you to protect the photo from being deleted.

Delete: allows you to delete the photo.

Delete all: allows you to delete all of the photos saved in your phone.

Properties: shows the properties of the photo, such as the time and date it was taken, file size, photo size, protection status, file format, and file name.

My videos

When you access this menu, the thumbnail images of your videos display.

To play a video:

1. Press the Navigation keys to scroll to the video you want to review.

2. Press the Centre key to start playing the video.

3.

To	Press the
pause the playing	**Pause** soft key.
resume	**Continue** soft key.
stop	**Stop** soft key or the **C** key.
return to Idle mode	☎\① key.

Press the **Options** soft key on the video list to use the following options:

Play: plays the video.

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

Delete: allows you to delete the current video.

Delete all: allows you to delete all of your videos.

Protection: allows you to protect the video from being deleted.

Properties: shows the properties of the video, such as the time and date it was recorded, file size, protection status, and playing time.

My items

This menu allows you to access:

- games, pictures, and sounds you downloaded from the Wireless Web.

- photos and videos you captured by using the camera.

- message templates you saved while using the Message feature.

Pictures

In this menu, you can view the photos you took using your phone. You can also access the images you have downloaded or access a web site to download new images.

My photos

You can access the photos you have taken using the camera.

For further details about viewing a photo and using the options, see page 111.

Saved pictures

You can view the list of images downloaded from a web server or received in messages.

Scroll to the image you want to view and press the Centre key.

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

View: displays the image.

Send MMS: allows you to send the image in an MMS message. For details, see page 77

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

Delete: deletes the image.

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

Download more

Selecting this menu loads the web site preset by your service provider so that you can download more pictures or animated images.

Games

In this menu, you can access Java games you downloaded from the web or access a web site to download new games.

Saved games

You can view the list of games downloaded from a web server.

Scroll to the game you want and press the Centre key. For further details for playing a game, see page 56.

Download more

Selecting this menu loads the web site preset by your service provider so that you can download more games.

Sounds

In this menu, you can listen to the sounds you recorded. You can also access sounds you have downloaded from the web or access a web site to download new sounds.

My sounds

You can view the list of the sounds you recorded by using the **Voice recorder** menu.

For further details about listening a sound and using the options, see page 74.

Saved sounds

You can view the list of sounds downloaded from a web server or received in MMS messages.

Scroll to the sound you want to listen to and press the Centre key.

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

Play: plays the sound.

Send MMS: allows you to send the sound as an MMS message.

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

Delete: deletes the sound.

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

Download more

Selecting this menu loads the web site preset by your service provider so that you can download more ring tones or melodies.

My videos

In this menu, you can access the videos you recorded by using the camera.

For further details about playing a video and using the options, see page 112.

Templates

In this menu, you can access the message templates you made while using the SMS or MMS message feature.

For further details about viewing a template and using the options, see page 94.

Memory status

You can check the amount of the memory being used and the memory remaining for games or sounds and images. Press the Up or Down key to scroll through the screen.

The following options are available:

Games: the display shows the total, free, and used space and the number of games you downloaded.

Sounds & images: the display shows the total, free, and used space, including each space used for sounds and images.

Photos & videos: the displays shows the total space, including free, and used space for photos and videos.

Calendar

With the Calendar feature, you can:

• consult the calendar and check your memos.

• write memos to keep track of your schedule.

• set an alarm to act as a reminder.

Consulting the Calendar

When you select the **Calendar** menu, the calendar displays with today's date highlighted.

The following options are available when you press the **Options** soft key:

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

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

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

Writing a Memo

You can make up to 30 memos for one day.

To write or edit a memo on a specific date:

1. Select a date on the calendar by using the Navigation keys.

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

2. Press the Centre key.

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

3. Enter your memo and then press the Centre key or the **Ok** soft key.

   Note: For further details about how to enter characters, see page 34.

   You are asked if you wish to set an alarm.

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

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

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

   Note: Your phone is preset to a 24-hour format. To change the format, see page 153.

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

   • **Set alarm**: sets the alarm.

   • **Melody**: allows you to select a melody for the alarm.

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

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

When the alarm time for a memo expires and the phone sounds the selected alarm melody, press the Centre key or the **View** soft key to view the memo. Alternatively, press the **Exit** soft key or the 📞 key to stop the alarm.

Viewing a Memo

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

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

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

Edit: allows you to change the memo text.

Add new: allows you to write a new memo.

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

Delete: allows you to delete the memo.

Duplicate: allows you to duplicate the memo to another date.

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

Note: To select the **Edit** option directly, press the Centre key.

Contacts

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

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

Contacts list

In this menu, you can access the Contacts list and search for Contacts entries by entering names.

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

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

2.

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

3. Once you have found the entry, press the Centre key or the ↖ key to dial the number.

   Alternatively, press the **Options** soft key to access the Contacts entry options; for further details, see the following page.

Using Contacts Entry Options

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

The following options are available:

Call: make a call to the selected contact person.

Edit: allows you to edit the name and/or number.

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

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

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

Photo caller ID: allows you to assign one of the photos you took using the camera as a caller ID image to be displayed when you receive a call from the selected number. For details about the Camera feature, see page 106.

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

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

<u>View</u>: displays the photo assigned to the number.

<u>Delete caller ID</u>: cancels the photo caller ID setting for the number.

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

Use the **C** key or the **Clear** soft key to change the number as required. When you are ready to dial, press the ✆ key.

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

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

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

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

For further details about how to change caller group properties, see page 127.

Send MMS: allows you to send an MMS message to the person. For details, see page 76.

Send SMS: allows you to send an SMS message to the person. For details, see page 81.

Send postcard: allows you to send a postcard to the person. For details, see page 83.

Create contact

This menu allows you to add a new entry to the Contacts list.

1. Select an icon to identify the category of the number to be stored by pressing the Left or Right key, and press the Centre key or the **Select** soft key.

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

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

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

3. Enter a name and press the Centre key or the **Ok** soft key.

   For further details about how to enter characters, see page 34.

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

5. If you do not want to save the number and name in the suggested location, press the **C** key or the **Clear** soft key to clear the location number and enter another location by pressing the numeric keys.

6. Press the Centre key or the **Ok** soft key to store the name and number.

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

7. Once you have found the entry, press the Centre key or the ✆ key to dial the number.

   Alternatively, press the **Options** soft key to access the Contacts entry options; for further details, see page 123.

Group search

You can search for Contacts entries by selecting a caller group.

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

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

2. If necessary, scroll to a group by pressing the Up or Down key and press the Centre key or the **View** soft key.

   The Contacts entries in the caller group are listed.

3.

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

4. Once you have found the entry, press the Centre key or the ✆ key to dial the number.

   Alternatively, press the **Options** soft key to access the Contacts entry options; for further details, see page 123.

Group edit

In this menu, you can change the properties of each caller group.

1. Scroll through the group list by pressing the Up or Down key.

2. When the group you want highlights, press the **Options** soft key.

3. Select each option and change the settings, as you want. The following options are available:

   • **Call ringtone**: allows you to set a ring tone to be used when you receive a voice call from a member of that group.

   • **SMS tone**: allows you to set a ring tone to be used when you receive a message from a member of that group.

   • **Graphic**: allows you to set a graphic icon to be displayed when you receive a voice call from a member of that group.

   • **Group name**: allows you to assign a name to the group. For further details about how to enter characters, see page 34.

   Note: To select the **Call ringtone** option directly, press the Centre key.

4. After changing the settings, press the Centre key, the **Select** key, or the **Ok** soft key.

Call log

In this menu, you can view the:

- calls you missed, received, or dialled.

- length of your calls.

- cost of your calls, if your SIM card supports it.

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

Missed calls

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

The number or name, if available, displays together with the time and date the call was received. Pressing the Centre key allows you to change the number to save or dial it.

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

View: shows the number of the call log. You can edit the number, if necessary, and dial it or save it in Contacts.

Delete: deletes the call log from the list.

You can also dial the number by pressing the ➘ key.

Received calls

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

The number or name, if available, displays together with the time and date the call was received. Pressing the Centre key allows you to change the number to save or dial it.

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

View: shows the number of the call log. You can edit the number, if necessary, and dial it or save it in Contacts.

Delete: deletes the call log from the list.

You can also dial the number by pressing the 🎧 key.

Dialled calls

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

The number or name, if available, displays together with the time and date the call was made. Pressing the Centre key allows you to change the number to save or dial it.

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

View: shows the number of the call log. You can edit the number, if necessary, and dial it or save it in Contacts.

Delete: deletes the call log from the list.

You can also dial the number by pressing the 🎧 key.

Delete all

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

1. Scroll to the call type to be deleted and press the **Mark** soft key to place a check.

   You can remove the check mark by pressing the **Unmark** soft key again.

2. If necessary, repeat step 1.

3. Press the **Centre** soft key to delete the marked types.

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

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

Call time

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

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

The following timers are available:

Last call time: length of the last call.

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

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

Reset timers: option used to reset the call timers. You must first enter the phone password and then press the Centre key or the **Ok** soft key.

Note: The password is preset to "00000000." To change this password, see page 156.

Call costs

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

The following options are available:

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

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

Max cost: maximum cost set in the **Set max cost** option. See below.

Reset counters: option used to reset the cost counter. You must first enter your PIN2 (see page 164) and then press the Centre key or 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 164) and then press the Centre key or 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 164) and then press the Centre key or the **Ok** soft key.

Data counter

This menu allows you to view and check the amount of data (Byte, KB, MB, GB) sent and received during GPRS connections.

The following options are available:

Last sent data: amount of the data you last sent.

Last received data: amount of data you last received.

Total sent data: total amount of data you have sent since the data counter was last reset.

Total received data: total amount of data you have received since the data counter was last reset.

Reset counters: option used to reset the data counter. You must first enter your phone password and then press the **Ok** soft key or the Centre key.

Speed dial list

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

To set up the Speed dial list:

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

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

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

2. Select an entry from the Contacts list and press the Centre key or the **View** soft key.

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

Once you have assigned a number to the key, you can use the following options by pressing the **Options** soft key:

Change: allows you to assign a different number to the key.

Delete: allows you to clear the setting so that no number is assigned to the key.

Delete all: allows you to clear the settings for all keys so that no numbers are assigned to any of the keys.

Number: allows you to view the number assigned to the key. You can dial the number by pressing the ⬉ key.

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

My numbers

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

You can:

- assign a name to each of the own phone numbers registered on your SIM card.
- edit the names and numbers.

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

Memory status

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

Press the Up or Down key to view the number of existing and total entries available in the SIM card and the phone's memory.

Settings

In this menu, you can customise various settings related to your phone system, display, sounds, time and date, network, and security.
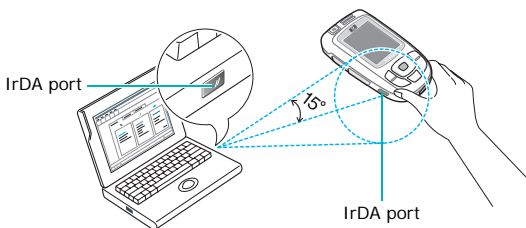
Phone settings

Many different features of your phone can be customised to suit your preferences.

Activate infrared

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

- configure and activate an IrDA-compliant infrared port on your PC.

- activate the infrared feature on the phone; the IrDA icon ( ) appears on the top line of the display.

- align the IrDA port on the phone with the IrDA port on your computer.

IrDA port

IrDA port

The connection is ready for data transmission.

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

Note: For optional performance, use an optional PC data link cable.

Greeting message

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

For further details about how to enter characters, see page 34.

Language

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

Note: Depending on your country, service provider, or the software version of the phone, the **Automatic** option may not display.

Shortcuts

The Navigation keys can be used as shortcut keys. In Idle mode, they allow you to access specific menus directly.

In this menu, you can change the shortcuts assigned to the Navigation keys.

To assign a shortcut to a key:

1. Select the key to be used as a shortcut key by pressing the Up or Down key and press the Centre key or the **Select** soft key.

2. Select the menu to be assigned to the key by pressing the Up or Down key.

   Note: To deactivate a shortcut key, select the **None** option.

3. Press the Centre key or the **Select** soft key to save the selection.

Extra settings

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

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

The following options are available:

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

Note: The interval between two attempts varies.

Active slider: when this option is checked, you can simply push the slider up to answer a call.

When it is unchecked, you must push the slider up and press a key to answer a call, depending on the setting of the **Anykey answer** option. See below.

Anykey answer: when this option is checked, you can answer an incoming call by pressing any key, except the 📞⁰ key and the **Reject** soft key. To reject the call, press the 📞⁰ key or the **Reject** soft key.

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

Reset settings

You can easily reset your phone to its default settings.

Enter the 4 to 8-digit phone password and press the Centre key or the **Ok** soft key.

Note: The password is preset to "00000000." To change this password, see page 156.

Display settings

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

Main display

This menu allows you to change the background image or the colour of the text to be displayed in Idle mode.

The following options are available:

Wallpaper: you can download images from the wireless web site preset by your service provider, or select a background image to be displayed on the idle screen.

To change the background image:

1. Scroll through the list by pressing the Up or Down key.

   You have various preset images available. You can also select a blank background, any photos you took, or any images downloaded from the Internet and the EasyGPRS programme, or received in messages.

2. Press the Centre key or the **Select** soft key when the image you want highlights.

3. When the image displays, press the Centre key or the **Select** soft key to display it on the idle screen.

Using the **More pictures** option, you can access the web site preset by your service provider and download new images.

Text display: you can specify whether or not the phone displays the time and date on the idle screen.

Text colour: you can select the colour of the text to be displayed on the idle screen. This option is available when the text display is enabled.

Menu style

This menu allows you to select the menu display style. You can choose either **Grid style**, **Bar style**, and **Page style**.

Back light

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

Service light

This menu allows you to select whether or not the service light is used. It also allows you to select a colour in which it flashes.

Select one of the five colour settings. When the phone is ready for use, the service light flashes in the chosen colour.

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

Graphic logo

This menu allows you to display your service provider's logo instead of its name.

Off: the service provider's name displays in Idle mode.

On: the service provider's logo stored in your phone displays in Idle mode; if no logo has been stored, the service provider's name displays.

Sound settings

You can change various sound settings.

Note: When the phone is in Silent mode (see page 31), you cannot change the sound settings.

Ringtone

This menu allows you to select a ring melody.

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

Using the **More sounds** option, you can access the web site preset by your service provider and download new ring tones or melodies.

Ring volume

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

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

Alert type

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

The following options are available:

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

Melody: the phone rings using the ring tone selected in the **Ringtone** menu.

Vibration: the phone vibrates but does not ring.

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

Keypad tone

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

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

Message tone

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

SMS tone

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

Off: the phone does not use an SMS tone.

Light only: the service light flashes.

Vibration: the phone vibrates.

Single beep: the phone beeps once.

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

SMS-CB tone

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

Off: the phone does not use a CB tone.

Light only: the service light flashes.

Vibration: the phone vibrates.

Single beep: the phone beeps once.

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

MMS tone

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

Off: the phone does not use an MMS tone.

Light only: the service light flashes.

Vibration: the phone vibrates.

Single beep: the phone beeps once.

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

Repetition

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

Once: the phone alerts you once.

Periodic: the phone alerts you every 2 minutes.

Slider tone

This menu allows you to select the tone that the phone sounds when you open or push the slider down. Select either **Future** or **Crystal**.

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

Power on/off

This menu allows you to select the melody that the phone sounds when it is switched on or off. Select either **Classical** or **Cheerful**.

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

Alert on call

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

The following options are available:

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

On: the phone alerts you with a beep. The alert occurs only in your earpiece, so the person with whom you are talking doesn't hear it.

Extra tones

You can customise additional tones for the phone.

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

The following options are available:

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

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

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

Call settings

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

Call diverting

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

<u>Example</u>: You may wish to divert your business calls to a colleague while you are on holidays.

To set your call diverting options:

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

   The following options are available:

   • **Divert always**: all calls are diverted.

   • **Busy**: calls are diverted when you are already on another call.

   • **No reply**: calls are diverted when you do not answer the phone.

   • **Unreachable**: calls are diverted when you are not in an area covered by your service provider or when your phone is switched off.

   • **Cancel all**: all call diverting options are cancelled.

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

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

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

4.

To	Press the
activate call diverting	Centre key or the **Activate** soft key. Go to step 5.
change the number to be called	Centre key or the **Change** soft key. Go to step 5.
deactivate call diverting	**Remove** soft key.

5. Enter the number to which the calls are to be diverted and press the Centre key or the **Ok** soft key.

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

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

Call barring

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

To set your call barring options:

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

   The following options are available:

   • **All outgoing**: calls cannot be made.

   • **International**: international calls cannot be made.

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

   • **All incoming**: calls cannot be received.

   • **Incoming while abroad**: calls cannot be received when you are using your phone outside of your home country.

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

   • **Change barring password**: you can set and change the call barring password obtained from your service provider using this option.

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

3. Press the **Activate** soft key to confirm your settings.

4. Enter your call barring password supplied by your service provider.

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

To deactivate specific call barring settings:

1. Select the call barring option to be deactivated.

2. Select the type of calls to which this option applies.

3. Press the **Deactivate** soft key.

4. Enter your call barring password supplied by your service provider.

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

Call waiting

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

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

To set your call waiting options:

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

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

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

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

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

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 does not display on the other person's phone.

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

Closed user group

Closed User Group (CUG) is a network service which allows incoming and outgoing calls to be restricted to a selected user group. You can create up to ten user groups.

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

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

Activating a Closed User Group

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

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

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

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

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

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

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

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

Time & date

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

The following options are available:

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

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

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

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

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

To select your time zone:

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

   The local time and date display.

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

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

Display options: allows you to set whether the phone displays the time or the date on the menu title bars.

Network selection

The Network selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

Note: You can select a network other than your home network only if there is a valid roaming agreement between the two.

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

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

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

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

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

Security

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

Various codes and passwords are used to protect the features of your phone. They are described in the following sections. Also see pages 162-165.

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:

Disable: the phone connects directly to the network when you switch it on. This option may not be available depending on your network provider

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

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 an 4 to 8-digit phone password each time the phone is switched on.

The password is preset to "00000000" at the factory. To change the phone password, see the **Change password** menu.

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

The following options are available:

Disable: you are not asked to enter the phone password when you switch 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 preset to "00000000" at the factory. Once you have entered a new password, you are asked to confirm it by entering it again.

Privacy

Using this menu, you can lock your media contents, such as MMS, postcards, Photos, Video clips, Pictures, Sounds and My sounds. Once you have locked the contents, you must enter the phone password to access the associated menus.

To	Press the
select an item to lock	Up or Down key. To lock all of the contents, select **All**.
place a check mark	**Mark** soft key.
remove a check mark	**Unmark** soft key.
lock the marked items	**Ok** soft key.

When the phone asks for the phone password, enter the password and press the Centre key or the **Ok** soft key.

Note: The password is preset to "00000000" at the factory. To change this password, see page 156.

SIM lock

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

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

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

FDN mode

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

The following options are available:

Disable: you can call any number.

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

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

Change PIN2

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

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

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

Solving Problems

If you are experiencing problems with your phone, perform the following simple checks, before contacting a service professional. This may save you the time and expense of an unnecessary service call.

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

Insert SIM Card

• Check that the SIM card is correctly installed.

Phone Locked Enter Password

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

Enter PIN

• You are using your phone for the first time. You must enter the Personal Identification Number (PIN) supplied with the SIM card.

• The PIN check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **PIN check** menu (**Menu 9.7.1**).

Enter PUK

• The PIN code was entered incorrectly three times in succession and the phone is now blocked. Enter the PUK supplied by your service provider.

"No service," "Network failure," "Service not available," or "Not done" displays

- The network connection was lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Move and try again.

- You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Have you pressed the 🔍 key?

- Are you accessing the right cellular network?

- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on (the 🔍⁰ key pressed for more than one second)?

- Are you accessing the right cellular network?

- You may have set an incoming call barring option.

Your correspondent cannot hear you speaking

- Have you switched off the microphone?

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

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

• Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

• Check the signal strength indicator on the display (✦₊₁₁₁); the number of bars indicates the signal strength from strong (✦₊₁₁₁) 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 Contacts entry

• Check that the number has been stored correctly, by using the Contacts list feature.

• Re-store the number, if necessary.

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

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

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

Access Codes

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

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

The access codes, except for the PUK and PUK2 codes, can be changed using the **Security** menu (**Menu 9.7**). See page 154 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 112, so that you do not accidentally dial an emergency number.

Phone Password

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

To	See
activate/deactivate the Phone lock feature	page 155.
change the phone password	page 156.

PIN

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

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

To	See
activate/deactivate the PIN check feature	page 155.
change the PIN	page 155.

PUK

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

To re-enable your PIN:

1. Enter the PUK and press the Centre key or the **Ok** soft key.

2. Enter a new PIN of your choice and press the Centre key or the **Ok** soft key.

3. When the **Confirm new PIN** message displays, enter the same code again and press the Centre key or **Ok** soft key.

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

PIN2

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

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

To change the PIN2, see page 158.

PUK2

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

To re-enable your PIN2:

1. Enter the PUK2 and press the Centre key or the **Ok** soft key.

2. Enter a new PIN2 of your choice and press the Centre key or the **Ok** soft key.

3. When the **Confirm PIN2** message displays, enter the same code again and press the Centre key or the **Ok** soft key.

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

Barring Password

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

You can change this password in the **Call barring** menu (**Menu 9.4.2**). See page 148 for further details.

Health and Safety Information

Exposure to Radio Frequency (RF) Waves

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile phone is a radio transmitter and receiver. It is designed not to be exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and inculde safty margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2W/kg and the highest SAR value for this device when tested at the ear was 0.5W/kg[1]. As mobile phone offer a range of functions, they can be used in other positions, such as on the body as described in this user guide[2]. In this case, the highest tested SAR value is 1.16W/kg.

1) The testes are carried out in accordance with international guidelines for testing.
2) For body worn operation, this model phone has been tested and meets the RF exposure guidelines when used with a Samsung-supplied or approves accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 0cm from the body.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization(http://www.who.int/emf) or Mobile Manufacturers Forum (http://www.mmfai.com/public).

Precautions When Using Batteries

• Never use any charger or battery that is damaged in any way.

• Use the battery only for its intended purpose.

• If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.

• Battery charging time depends on the remaining battery charge, the type of battery and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.

- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

- Dispose 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, make sure that you are following the special regulations in a given area or country.

Operating Environment

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

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

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

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 your phone off immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

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

Potentially Explosive Environments

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

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

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

Emergency Calls

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

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

To make an emergency call, proceed as follows.

1. If the phone is not on, switch it on.

2. Key in the emergency number for your present location (for example, 112 or any other official emergency number). Emergency numbers vary by location.

3. Press the 🕽 key.

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

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

Other Important Safety Information

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

• Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

• Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

• For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.

• Switch your phone off before boarding an aircraft. The use of wireless phones in an aircraft may be dangerous to the operation of the aircraft, and is illegal.

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

Care and Maintenance

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

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

• Keep the phone dry. Precipitation, humidity, and liquids contain minerals that corrode electronic circuits.

• Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.

• Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.

• Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

• Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.

• Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.

• Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.

- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.

- Use only the supplied or an approved replacement antenna. Unauthorised antennas or modified accessories may damage the phone and violate regulations governing radio devices.

- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Glossary

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

Active Slider

Ability to answer a call simply by pushing the slider up.

Call Barring

Ability to restrict outgoing and incoming calls.

Call Diverting

Ability to reroute calls to another number.

Call Holding

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

Call Waiting

Informs you that you have an incoming call when you are engaged on another call.

Caller Line Identification Services (Caller ID)

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

EMS (Enhanced Message Service)

An adaptation of the Short Message Service (SMS) that allows you to send and receive ring tones and the service provider's logo, as well as combinations of simple media to and from EMS-compliant handsets. Because EMS is based on SMS, it can use SMS centres the same way that SMS does. EMS works on all Global System for Mobile communications (GSM) networks. EMS senders can use text, melodies, photos, sounds, and animations to enhance the expressive power of messages that are limited by the display constraints of mobile devices.

GPRS (General Packet Radio Service)

New non-voice value-added service that allows information to be sent and received across a mobile telephone network. GPRS provides continuous connection to the Internet for mobile phone and computer users. It is based on the Global System for Mobile Communication (GSM) circuit-switched cellular phone connections and the Short Message Service (SMS).

GSM (Global System for Mobile Communication)

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

Java

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

MMS (Multimedia Message Service)

A message service for the mobile environment, standardized by the WAP Forum and the 3rd Generation Partnership Program (3GPP). For phone users, MMS is similar to Short Message Service (SMS)-it provides automatic, immediate delivery of user-created content from phone to phone. The message addressing used is primarily phone numbers, thus the traffic goes from phone to phone. MMS also provides support for e-mail addressing, so that messages can be sent by e-mail. In addition to the text content of SMS, MMS messages can contain still images, voice or audio clips, and also video clips and presentation information.

Multi-party Calling

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

Phone Password

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

PIN (Personal Identification Number)

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

Proxy Server

A proxy server resides between a Web client, such as a web browser, and a real Web server and acts as an intermediary between them. When some people browse a web site, their browser is not actually connecting to the web server. The request from their browser goes to a proxy server, and the proxy server makes the request to the web server.

A proxy server can improve performance for groups of users because it caches the results of all requests for a certain amount of time. If a user requests a web page that it already loaded for another user, it reloads the page instead of forwarding the request to the Web server, which can be a time-consuming operation.

PUK (PIN Unblocking Key)

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

Roaming

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

SDN (Service Dialling Numbers)

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

SIM (Subscriber Identification Module)

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

SMS (Short Message Service)

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

Soft Keys

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

• varies according to the function that you are currently using.

• is indicated on the bottom line of the display just above the corresponding key.

Dual Band

Ability to operate with both DCS (1800 Mhz) and GSM (900 Mhz) networks. The phone automatically uses the network with the strongest signal and even switches networks during a call within the same operator's network.

Voice Mail

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

Index

Access the Menu Functions	① Press the Centre key.
	② Scroll using the Navigation keys through the list of the menus until you reach the menu you want.
	③ Press the **Select** soft key.
	④ Scroll using the Up and Down keys through the list of the options until the one you want is selected.
	⑤ Press the **Select** soft key.

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

Switch On/ Off	Press and hold the 📞⁰ key.
Make a Call	① Enter the number.
	② Press the 📞 key.
End a Call	Briefly press the 📞⁰ key.
View Missed Calls Immediately After Missing Them	① Press the **View** soft key.
	② Scroll using the Up or Down key through the missed calls.
	③ To return the call, press the 📞 key.
Answer a Call	Open the phone
	or
	Press the 📞 key.
Adjust the Volume	Press the ▲ or ▼ key on the left side of the phone.

Choose the Alert Type	① Select the **Alert type** menu.
	② Select an option:
	  • **Light only**
	  • **Melody**
	  • **Vibration**
	  • **Vibration+melody**
	③ Press the **Select** soft key.

Store Numbers in Contacts	① Enter the number and press the **Save** soft key. ② Select an icon. ③ Press the **Select** soft key. ④ Select a memory. ⑤ Press the **Select** soft key. ⑥ Enter the name. ⑦ Press the **Ok** soft key. ⑧ If necessary, change the location number. ⑨ Press the **Ok** soft key. ⑩ Press the ⟲ key to return to Idle mode.

Search for a Number in Contacts	① Press the Centre Key. ② Press the **8** key. ③ Select the **Contacts list** option. ④ Enter the first few letters of the name. ⑤ To scroll through the names, press the Up or Down Key. ⑥ Press the **View** soft key. ⑦ To scroll through the numbers, press the Up or Down Key. ⑧ Press the ⟶ key to dial.
Take a Photo	① Press and hold the Camera key in Idle mode. ② Press the Camera key. ③ Press the **Save** soft key.

Declaration of Conformity (R&TTE)

For the following product:

GSM900/GSM1800 Dualband Digital

Portable Cellualr Telephone

(Ptoduct description)

SGH-E810

(Model name)

Manufactured at:

Samsung Electronics, Co., Ltd, 94-1, Imsoo-Dong, Gumi City, Kyung-Buk, Korea, 730-350

(factory names, address[1])

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

Safty	**: EN 60950-1:2001**
EMC	**: EN 301 489-01 v1.4.1 (2002-08)**
	EN 301 489-07 v1.2.1 (2002-08)
SAR	**: EN 50360:2001**
	EN 50361:2001
Network	**: EN 301 511 v7.0.1 (2000-12)**

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

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

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

CE0168

The technical documentation kept at:

Samsung Electronics Euro QA Lab.

which will be made available upon request.

(Representative in the EU)

Samsung Electronics Euro QA Lab.
Blackbushe Business Park, Saxony Way,
Yateley, Hampshire, GU46 6GG, UK
2004. 07. 07

Yong-Sang Park / S. Manager

(place and date of issue)   (Name and signature of authorized person)