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

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SAMSUNG

GPRS TELEPHONE
SGH-D500

Draft version
(2004. 09. 14)

FCC RF EXPOSURE INFORMATION

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied antenna or one that is approved. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in a violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain at least a 0.59 inch (1.5 cm.) separation distance, between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Vehicle Mounted External Antenna (optional, if available.)

A minimum separation distance of 7.9 inches (20cm) must be maintained between a person and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

For more information about RF exposure, please visit the FCC web site at http://www.fcc.gov/oet/rfsafety/

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Important safety precautions

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

Road safety at all times

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

Switching off when refuelling

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

Switching off in an aircraft

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

Switching off near all medical equipment

Switch off your phone near medical equipment. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy. Follow any regulations or rules in force.

Interference

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

Special regulations

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

Water resistance

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

Sensible use

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

Emergency call

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

Keeping small children away from your phone

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

Accessories and batteries

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

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

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see “Health and safety information” on page 232.

CAUTION

RISK OF EXPLOSION IF A BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

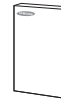
Unpacking

Your package contains the following items:

Handset

Travel Adapter

Battery



User's Manual

Straight Headset

Hand strap

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

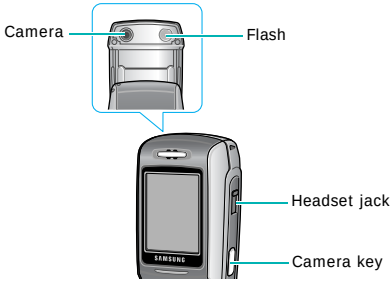
- Standard battery
- Car charger
- Travel charger
- B/T Handsfree car kit
- USB dongle
- Holster charger
- Hand strap
- Car cradle
- PC data link kit
- Straight headset
- Bluetooth headset kit
- External speaker

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

Your phone

Phone layout

The following illustrations show the main elements of your phone:



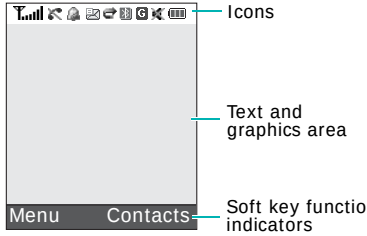
Key(s)	**Description**
(soft keys)	Performs the functions indicated by the screen text above them, on the bottom line of the display.
	In Idle mode, allows you to access your favourite menu options directly. For further details about shortcuts, see page 199. In Menu mode, scrolls through the menu options and Phonebook. When entering text, moves the cursor, depending on which side you push.
	In Idle mode, launches the WAP (Wireless Application Protocol) browser. In Menu mode, selects the highlighted menu options.
	Deletes characters from the display. In Menu mode, returns you to the previous menu level.
	Makes or answers a call. In Idle mode, retrieves the last number dialled, missed, or received.
	Ends a call. Also switches the phone on and off when held down. In Menu mode, cancels your input and returns the phone to Idle mode.

Key(s)	**Description** (continued)
1	In Idle mode, accesses your voice mail when held down.
1 ~ 0+	Enters numbers, letters, and some special characters.
* #	Enters special characters. Performs various functions.
	(on the left side of the phone) Adjusts the ringer volume when the phone is ringing and the earpiece volume during a call. In Idle mode, with the phone open, adjusts the keypad tone volume. With the phone closed, turns on the backlight when held down. In Menu mode, scrolls through menu options and Phonebook.
	(on the right side of the phone) In Idle mode, accesses the **Camera** menu. Turns on the camera when held down. In Capture mode, takes a photo.

Display

Display layout

The display has 3 areas:



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

Icons

Icon	Description
	Shows the received signal strength. The greater the number of bars, the stronger the signal.
	Appears when a call is in progress.
	Appears when you are out of your service area. When it displays, you cannot make or receive a call.
	Appears when you set an alarm to ring at a specified time. For further details, see page 92.
	Appears when a new text message has been received.
	Appears when a new voice mail message has been received.
	Appears when a new multimedia message has been received.
	Appears when a new e-mail has been received or sent. When @ is blinking in red, an e-mail is being retrieved from the e-mail server. When @ is blinking in blue, an e-mail is being sent.
	Flash alternatively when the e-mail Inbox is full.
	Appears when the Call Diverting feature is active. For further details, see page 207.

Icon	Description (continued)
	Appears when the IrDA port is active. For details, see page 217.
	Appears when the Bluetooth feature is active For further details, see page 213.
	Appears when you synchronise personal information stored in your phone with corresponding PC applications by using the PC suite software.
	Appears when you are connected to the GPRS network.
	Appears when you are in the Home Zone if you have registered for the service.
	Appears when you are in the Office Zone if you have registered for the service.
	Appears when you set the phone to vibrate for an incoming call. For further details, page 203.
	Appears when Quiet mode is active. For further details, see page 32.
	Shows the level of your battery. The more bars you see, the more power you have remaining.

Backlight

The backlight illuminates the display and the keypad. When you press any key or open the phone, the backlight comes on. It goes off when no keys are pressed within a given period of time, depending on the setting in the **Backlight** menu (**Menu 9.3.5**). After a specified time, the display shows the current time and date on a digital clock. To turn on the backlight, press and hold the Volume keys.

To specify the length of time the backlight is active, go to the **Backlight** menu. See page 203 for further details.

Camera

The camera module on the back 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 182.

Flash

You can use the built-in flash on the back of your phone, to the right of the camera, to take photos when it is dark.

Getting started

Installing the SIM card

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

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

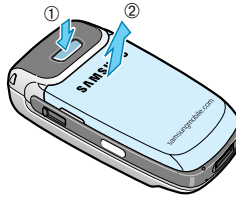
Keep all SIM cards out of the reach of small children.

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

2. Remove the battery. To do so:

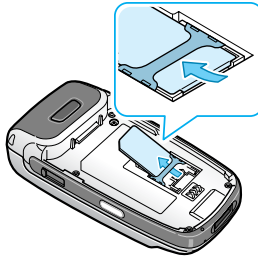
   ① Press the catch above the battery and hold it in that position.

   ② Lift the battery away, as shown.

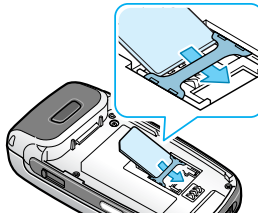


3. Slide the SIM card into the SIM card socket, as shown, so that the card locks into position.

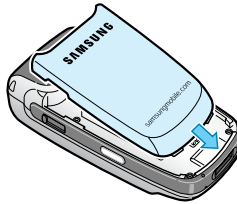
   Make sure the gold coloured contacts on the card face into the phone.



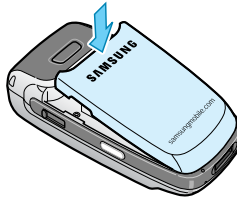
Note: When you need to remove the SIM card, slide it upwards, as shown, and take it out of the socket.



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



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



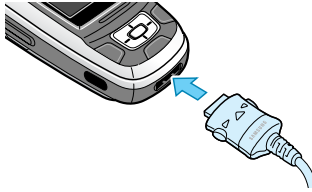
Charging the battery

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

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

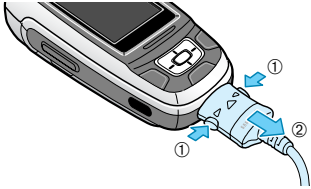
Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 90 minutes.

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



2. Plug the 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 out the connector.



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 the “Warning low battery” message repeats at regular intervals on the display. In this case, your phone turns off the backlight to conserve the remaining battery power.

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

Switching on or off the phone

1. Open the phone.

2. Press and hold the key until the phone switches on.

3. If the phone asks you to enter a password, enter the password and press the **OK** soft key. The password is preset to “00000000” at the factory. For further details, see page 228.

4. If the phone asks for a PIN, enter the PIN and press the **OK** soft key. For further details, see page 229.

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

   Note: To change languages, use the **Language** menu (**Menu 9.2.1**). For further details, see page 198.

5. When you wish to switch off the phone, press and hold the key until the power-off image displays.

Note: When your phone is closed, you first need to open the phone to activate the display and the keypad.

Using the Keypad Lock feature

You can open the phone to use the number keypad and close the phone so that it takes up less space.

When you close the phone, the display turns off and the phone automatically locks the exposed function keys so that even if they are pressed accidentally, nothing will happen.

To unlock the keypad, press and hold the **Unlock** soft key or the left 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 9.2.5**), the phone will automatically redial up to 10 times if the person does not answer the call or is already on the phone. See page 200 for further details.

Making an international call

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

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

Correcting the number

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

Ending a call

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

Redialling the last number

The phone stores the numbers of the calls you've dialled, received, or missed, if the call recipient or caller can be identified. See "Call records" on page 58 for further details.

To recall any of these numbers:

1. If you have entered 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, missed, or received them.
3. Press the Up or Down key to scroll through the numbers until the number you want highlights.
4. Press the key to dial the displayed number.

Making a call from Phonebook

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called Phonebook. You then do not need to remember all of your numbers; simply select the required name to recall the associated number.

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

For further details about the Phonebook feature, see page 63.

Storing a number in Idle mode

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

Note: You can select a default memory location in which you want to save your numbers. For further details, see page 65

To store a number in the phone's memory:

1. Enter the number you want to store.

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

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

3. Select **Phone** and press the **Select** soft key.

4. Select an icon to identify the category in which the number is to be stored. 5 categories are available:

   - **Mobile**
   - **Home**
   - **Office**
   - **Fax**
   - **Other**

   To select the category, press the Up or Down key and press the **Select** soft key.

5. Press the Down key to move and change the setting or enter more information, if necessary.

   - **Last name**/**First name**: Enter the entry name. For further details about how to enter characters, see page 36.
   - **Mobile**/**Home**/**Office**/**Fax**/**Other**: Add a number for any category.
   - **E-mail**: Enter an e-mail address.
   - **Graphic ID**: Assign an image as a caller ID image to be displayed when you receive a call from the selected number.
   - **Alert**: Select a unique ringer melody for the entry. By selecting a different tone for each entry, incoming voice calls having a caller ID can be distinguished from each other.
   - **Group**: Select one of the default relation groups, where the entry is included. Grouping the entries enables you to search for a number within the group. See page 69.
   - **Notes**: Add a memo about the person.

6. When you have finished entering the Phonebook information for the entry, press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

   After storing, the phone displays information about the entry you just saved.

7.

To	Press the
use the entry options	**Options** soft key. For further details, see page 64.
dial a number	Down key to scroll to a number and press the key.
return to the idle screen	**Back** soft key or the key.

To store a number on the SIM card:

1. Enter the number you want to store.
2. When you are sure that it is correct, press the **Save** soft key.
3. Select **SIM** and press 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.

4. Enter a name and press the Down key.
5. If necessary, change the phone number and press the Down key.
6. If you do not want to save the number and name in the suggested location, press the **C** key to clear the location number and enter another location by pressing the number keys.

7. When you have finished entering the Phonebook information for the entry, press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

   After storing, the phone displays information about the entry you just saved.

8.

To	Press the
use the entry options	**Options** soft key. For further details, see page 64.
dial a number	Down key to scroll to a number and press the key.
return to the idle screen	**Back** soft key or the key.

Dialling a number from the SIM card

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

Note: If you cannot remember a location number or if you want to dial a number in the phone's memory, you must go into the **Contact list** menu (**Menu 2.1**) to search for the entry by name. For details, see page 63.

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

   The entry appears.

2. You can press the Left or Right key to find other numbers.

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

Adjusting the volume

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

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

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

Answering a call

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

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

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

   When the **Anykey answer** option in the **Extra settings** menu (**Menu 9.2.5**) is active, you can press any key to answer a call except for the key and the **Reject** soft key. See page 200.

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

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

   Note: You can set how the phone reacts when you close the phone in the **Slide settings** menu (**Menu 9**.**2**.**3**). For further details, see page 199. While you are using a headset, the call is not ended by closing the phone even though the **Down** option of the menu is set to **Stop operation**.

Note: You can answer a call while using menu features or Phonebook. 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 the phone is closed, open the phone.
2. Press the **View** soft key.

   The number for the last missed call displays, if available.

3.

To	Press the
scroll through the missed calls	Up or Down key.
access the options	**Options** soft key. See below.
call the number displayed	key.

When you press the **Options** soft key, you can access the following options:

Details: shows information about the call, such as the number or name, if available, and the time and date it was received.

Call: dials the number.

Paste: allows you to save the number in your Phonebook. For further details about storing a number, see page 65.

Send message: allows you to send an SMS (Short Message Service) or MMS (Multimedia Message Service) message to the number. For further details about sending a message, see page 107 or page 116, respectively.

Delete: deletes the current call.

Delete all: deletes all calls.

Quickly switching to Quiet mode

Quiet mode is convenient when you wish to stop the phone from ringing, in a theatre for example.

In Idle mode, press and hold the # key until the “Quiet mode activated” message and the Quiet mode icon ( ) display.

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

To exit and reactivate the previous sound settings, press and hold the # key again until “Quiet mode deactivated” appears. The Quiet mode icon ( ) no longer displays.

Note: Activating Quiet mode will not turn off the camera shutter sound.

Using the headset

With the headset, you can make or answer a call without holding the phone.

When you connect the headset to the jack on the right side of the phone, the button on the headset works as listed below:

To	Press the
redial the last call	button twice in Idle mode.
answer a call	and hold the button when you receive the call.
end a call	and hold the button.

Selecting functions and options

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

Using the soft keys

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

Example:

Press the left soft key to access Menu mode.

Press the right soft key to access the **Contact list** in the **Phonebook** menu.

Selecting options

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

1. Press the appropriate soft key.

2.

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

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

Note: When you access a list of options, your phone highlights the currently active option. If, however, there are only 2 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 Phonebook, 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:

- **ABC 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 the desired letter 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.

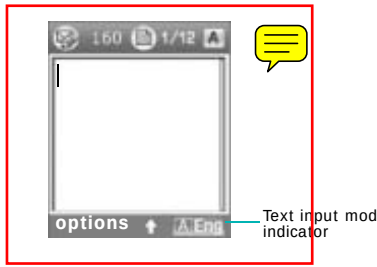
- **Symbolic mode**

  This mode allows you to enter various symbols and punctuation marks.

Changing the text input mode

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

Example: Writing a text message



To select	Press the right soft key until
ABC mode	Eng displays. See page 38.
T9 mode	Eng displays. See page 38.
Number mode	Eng displays. See page 41.
Symbolic mode	Eng displays. See page 41.

Note: Additional text input modes may be available, depending on your country. To use a text input mode for your specific country, press and hold the * key while in Alphabet mode.

Using ABC 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:

Keys	Characters in the order displayed	
	Upper case	Lower case
1	. , - ? ! ' @ : 1	
2	A B C 2	a b c 2
3	D E F 3	d e f 3
4	G H I 4	g h i 4
5	J K L 5	j k l 5
6	M N O 6	m n o 6
7	P Q R S 7	p q r s 7
8	T U V 8	t u v 8
9	W X Y Z 9	w x y z 9
0	0	

Note: The characters available in Alphabet mode may be different, depending on the selected language.

- To insert a space, press the # key.
- To shift case in ABC mode, use the * key. There are 3 cases: Lower case (No indicator), Initial capital (⬆), and Capital lock (⬆).
- You can move the cursor by pressing the Left or Right key. To delete letters, press the **C** key. Press and hold the **C** key to clear the entire display.

Note: To enter or exit an input mode specific to your country, press and hold the * key.

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 **2** to **9** keys. 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 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. Insert 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** key to display the alternative words.

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

3. Enter the word you want to add using ABC mode; see page 38.

4. Press 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 choose the correct punctuation.
- To shift case in T9 mode, use the * key. There are 3 cases: Initial capital (⇧), Capital lock (⇧), and Lower case (No indicator).
- You can move the cursor by pressing the Left or Right key. To delete letters, press the **C** key. Press and hold the **C** key to clear the entire display.

Using Number mode

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

Using Symbolic mode

Symbolic mode enables you to insert symbols into a text message.

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

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

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

   For details about searching for a number in Phonebook, see page 63.

2. Press the key to dial the second call.

   The first call is automatically put on hold.

Or,

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

2. Make the second call in the normal way.

When you have an active call and a call on hold, you may switch between the 2 calls, changing the one on hold to active and placing the other on hold.

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

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

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

Using the speaker

You can speak and listen to the phone from a short distance without having to hold the phone to your ear, for example, having it on a table nearby. To use this feature, press the *i* key during a call. A icon appears on the bottom line of the screen. To return to the normal phone mode, press the *i* key again and a icon appears on the bottom line of the screen.

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 9.5.3**) to **Activate**; see page 210. 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 2 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.

Using the Bluetooth headset

Using the Bluetooth headset, you can converse with the person on the phone without having to hold the phone to your ear during a call. To use this feature, you first need to register your headset and connect it to the phone. For further details, see page 214.

To use the Bluetooth headset:

1. Put on the headset.

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

3. Select the **Bt headset on** option.

4. Press the **Select** soft key.

   Now you can talk to the other person via the headset.

To return to the normal phone mode, press the **Options** soft key and select the **Bt headset off** option.

Switching on or off the Voice Clarity feature

You can increase the microphone's sensitivity to allow the other person on the phone to hear your voice even though you may be whispering.

To switch the Voice Clarity feature on:

1. Press the **Options** soft key.
2. Select the **Voice clarity on** option.
3. Press the **Select** soft key.

To switch the Voice Clarity feature off:

1. Press the **Options** soft key.
2. Select the **Voice clarity off** option.
3. Press the **Select** soft key.

Switching off the microphone (Mute)

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

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

To switch the microphone off temporarily:

1. Press the **Options** soft key.
2. Select the **Mute** option.
3. Press the **Select** soft key.

   The person can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key.
2. Select the **Unmute** option.
3. Press the **Select** soft key.

   The person can hear you again.

Muting or sending key tones

These options allow you to turn off or on the key tones. 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.

Using Phonebook

You can use the **Phonebook** menu during a call, so that you can search for or store entries.

For further details about the Phonebook feature, see page 63.

Sending a sequence of DTMF tones

You can send DTMF tones as a group after entering the entire number you need to send or retrieving a number from the Phonebook list.

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

To send DTMF tones:

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

   The tones are sent.

Using the message service

If you receive a message during a call, the Message icon (✉) appears on the display. The **Message** option enables you to read the message. You can also send a new message.

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

Using SIM services

The **SIM service** menu is available if you use a SIM 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.

Making a multi-party call

A multi-party call is a network service that allows up to 6 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 **Select** 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 **Select** 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 **Split** option. Press the **Select** 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 **Select** soft key.

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

3. To return to the multi-party call, press the **Options** soft key and select the **Join** option. Press the **Select** 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 **Remove** option. Press the **Select** 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 **Select** soft key.

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

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

Using the menus

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

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

Accessing a menu function by scrolling

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

2. Select **Settings** using the Navigation keys and press the **Select** soft key.

3. Scroll by pressing the Up or Down key to reach a main menu, **Phone settings** for example. Press the **Select** soft key.

4. If the menu contains sub-menus, **Language** for example, you can access them by pressing the Up or Down key and press 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.
confirm the chosen setting	**Select** soft key or the *i* key.
return to the previous menu level	**Back** soft key or the **C** key.
exit the menu without changing the settings	key.

Using shortcuts

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

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

Notes:
- The numbers assigned to each menu are indicated on the list on page 52. They may not match the menu on your phone, depending on the services supported by your SIM card.
- For menu number 10, use the **0** key.

Example: Accessing the **Language** menu

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

   The languages available display.

List of menu functions

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

1. Call records (see page 58)

- 1.1 All calls
- 1.2 Dialled calls
- 1.3 Received calls
- 1.4 Missed calls
- 1.5 Delete all
- 1.6 Call time
  - 1.6.1 Last call time
  - 1.6.2 Total sent
  - 1.6.3 Total received
  - 1.6.4 Reset timers
- 1.7 Call costs*
  - 1.7.1 Last call cost
  - 1.7.2 Total cost
  - 1.7.3 Max cost
  - 1.7.4 Reset counters
  - 1.7.5 Set max cost
  - 1.7.6 Price/Unit

2. Phonebook (see page 63)

- 2.1 Contact list
- 2.2 Add new contact
- 2.3 Group
- 2.4 Speed dial
- 2.5 My name card
- 2.6 Own number
- 2.7 Management
  - 2.7.1 Default saving
  - 2.7.2 Copy all to phone
  - 2.7.3 Delete all
  - 2.7.4 Memory status
- 2.8 Service number*

* Shows only if supported by your SIM card.

3. Applications (see page 76)

- 3.1 Java world
  - 3.1.1 Downloads
  - 3.1.2 Settings
  - 3.1.3 Memory status
- 3.2 MP3 player
- 3.3 Voice recorder
- 3.4 World time
- 3.5 Alarm
- 3.6 Calculator
- 3.7 Converter
  - 3.7.1 Currency
  - 3.7.2 Length
  - 3.7.3 Weight
  - 3.7.4 Volume
  - 3.7.5 Area
  - 3.7.6 Temperature
- 3.8 Timer
- 3.9 Stopwatch
- 3.10 SIM AT*

4. Browser (see page 98)

- 4.1 Home
- 4.2 Bookmarks
- 4.3 Go to URL
- 4.4 Clear cache
- 4.5 Settings
- 4.6 Current proxy

* Shows only if supported by your SIM card.

5. Messages (see page 106)

- 5.1 Short messages
  - 5.1.1 Create
  - 5.1.2 Inbox
  - 5.1.3 Outbox
  - 5.1.4 Draft
  - 5.1.5 Settings
  - 5.1.6 Block number
  - 5.1.7 Delete all
- 5.2 Multimedia messages
  - 5.2.1 Create
  - 5.2.2 Inbox
  - 5.2.3 Outbox
  - 5.2.4 Draft
  - 5.2.5 My folder
  - 5.2.6 Template
  - 5.2.7 Settings
  - 5.2.8 Delete all
- 5.3 Email
  - 5.3.1 Create
  - 5.3.2 Inbox
  - 5.3.3 Outbox
  - 5.3.4 Draft
  - 5.3.5 My folder
  - 5.3.6 Settings
  - 5.3.7 Block address
  - 5.3.8 Delete all
- 5.4 Push messages
  - 5.4.1 Inbox
  - 5.4.2 Setting
  - 5.4.3 Delete all
- 5.5 Voice mail
  - 5.5.1 Connect to voice mail
  - 5.5.2 Voice server number
- 5.6 Text template

5. Messages (continued)

5.7 Broadcast messages
- 5.7.1 Read
- 5.7.2 Receive
- 5.7.3 Channel
- 5.7.4 Language

5.8 Memory status

6. Funbox (see page 155)

7. Organiser (see page 167)

7.1 Month view
7.2 Week view
7.3 Day view
7.4 Schedule
7.5 Anniversary
7.6 Miscellaneous
7.7 To do
7.8 Missed alarm events
7.9 Memo
7.10 Memory status

8. Camera (see page 182)

8.1 Take a photo
8.2 Record video
8.3 Photos
8.4 My photos
8.5 Video clips
8.6 My video clips

9. Settings (see page 197)

- 9.1 Time & Date
- 9.2 Phone settings
  - 9.2.1 Language
  - 9.2.2 Greeting message
  - 9.2.3 Slide settings
  - 9.2.4 Shortcut
  - 9.2.5 Extra settings
- 9.3 Display settings
  - 9.3.1 Wallpaper
  - 9.3.2 Text display
  - 9.3.3 Skin
  - 9.3.4 LCD brightness
  - 9.3.5 Backlight
- 9.4 Sound settings
  - 9.4.1 Incoming call
  - 9.4.2 Keypad tone
  - 9.4.3 Message tone
  - 9.4.4 Power on/off
  - 9.4.5 Slide tone
  - 9.4.6 Quiet mode
  - 9.4.7 Extra tones
- 9.5 Network services
  - 9.5.1 Call diverting
  - 9.5.2 Call barring
  - 9.5.3 Call waiting
  - 9.5.4 Network selection
  - 9.5.5 Caller ID
  - 9.5.6 Band selection
  - 9.5.7 Active line
- 9.6 Connectivity
  - 9.6.1 Bluetooth
  - 9.6.2 Infrared

9. Settings (continued)

9.7 Security
- 9.7.1 PIN check
- 9.7.2 Change PIN
- 9.7.3 Phone lock
- 9.7.4 Change password
- 9.7.5 Privacy
- 9.7.6 SIM lock
- 9.7.7 FDN mode*
- 9.7.8 Change PIN2*

9.8 Memory status
- 9.8.1 Shared memory
- 9.8.2 Messages
- 9.8.3 Funbox
- 9.8.4 Organiser
- 9.8.5 Phonebook
- 9.8.6 JAVA world

9.9 Reset settings

* Shows only if supported by your SIM card.

Call records

In this menu, you can view the:

- calls you have dialled, received, or missed.
- length of your calls.
- cost of your calls, depending on your SIM card.

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

All calls *(Menu 1.1)*

In this menu, you can view the 20 most recent calls used, in the order you've dialled, received, or missed them.

The numbers or names, if saved in your phone, display.

To	Press the
select a call type	Left or Right key.
scroll through the list	Up or Down key.
view details of a call	*i* key.
call a number	key.
exit the current screen	**Back** soft key.

On the call list or details view, press the **Options** soft key to access the following options:

Details: shows details about the call, such as the number or name, if available, the time and date it was dialled, received, or missed. This option shows only in the call list.

Call back: dials the number.

Paste: allows you to save the number in your Phonebook. For further details about storing a number, see page 65.

Send message: allows you to send an SMS or MMS message to the number. For further details about sending a message, see page 107 or page 116 respectively.

Delete: deletes the number.

Delete all: deletes all calls.

Dialled calls *(Menu 1.2)*

This menu lets you view the 20 most recent calls you have dialled. When you access this menu, the list of dialled calls displays.

For further details about scrolling through the list and accessing the call log, see “All calls” on page 58.

Received calls *(Menu 1.3)*

This menu lets you view the 20 most recent calls you have received. When you access this menu, the list of received calls displays.

For further details about scrolling through the list and accessing the call log, see “All calls” on page 58.

Missed calls *(Menu 1.4)*

This menu lets you view the 20 most recent calls you have received, but did not answer. When you access this menu, the list of missed calls displays.

For further details about scrolling through the list and accessing the call log, see “All calls” on page 58.

Delete all *(Menu 1.5)*

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

1.

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

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

3. When a confirmation message appears, press the **Yes** soft key.

Call time *(Menu 1.6)*

This menu lets you view the time log for calls 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 time logs are available:

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

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

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

Reset timers: allows you to reset the call timers. After confirming the reset, you must enter the phone password and then press the **OK** soft key.

Note: The password is preset to “00000000” at the factory. To change this password, see page 219.

Call costs *(Menu 1.7)*

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

The following options are available:

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

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

Max cost: shows the maximum cost set in the **Set max cost** option.

Reset counters: allows you to reset the cost counter. You must first enter your PIN2 (see page 230) and then press the **OK** soft key.

Set max cost: allows you to enter the maximum cost authorised for your calls. You must first enter your PIN2 (see page 230) and then press the **OK** soft key.

Price / Unit: allows you to set the cost of one unit; this price per unit is applied when calculating the cost of your calls. You must first enter your PIN2 (see page 230) and then press the **OK** soft key.

Phonebook

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

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

Contact list *(Menu 2.1)*

In this menu, you can search for numbers in Phonebook by entering names.

Note: You can quickly enter this menu by pressing the **Contacts** soft key in Idle mode.

1. Enter the first few letters of the name that you want to find or scroll to a name by pressing the Up or Down key.

   The names in Phonebook are listed, starting with the one that most closely matches your input.

2.

To	Press the
view the highlighted name	*i* key.
select a different name	Up or Down key until the name 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 number, press the key to dial.

   Alternatively, press the **Options** soft key to access the Phonebook entry options; for further details, see below.

On the Contacts list screen, press the **Options** soft key to access the following options:

View: shows information about the selected name.

Delete: allows you to delete the selected name.

Using Phonebook options

While viewing any name in Phonebook, press the **Options** soft key to access the following options for the name.

Note: Available options may vary, depending on the field you selected.

Edit: allows you to edit the name and number.

Send message: allows you to send an SMS, MMS, or e-mail message to the selected number or e-mail address. For further details about sending a message, see page 107, page 116, or page 133, respectively.

Copy: allows you to copy the number to another location, either **Phone** or **SIM**.

Send: allows you to access the following sending options:

Via SMS: allows you to send the selected name as a business card by SMS message. For details, see page 107.

Via MMS: allows you to send the selected name as a business card by MMS message. For details, see page 116.

Via Email: allows you to send the selected name as a business card by e-mail. For details, see page 133.

Via Bluetooth: allows you to send the selected name as a business card via the Bluetooth feature. For further details, see page 216.

Via infrared: allows you to send the selected name as a business card via the infrared port. For further details, see page 217.

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

Add new contact *(Menu 2.2)*

This menu allows you to add a new entry into Phonebook. In the phone's memory, a name can contain up to 5 numbers in different categories: Mobile, Home, Office, Fax, and Other. You can save only one number in a SIM card entry.

Note: You can select a default memory location in which you want to save the number. For further details, see page 73.

Storing a number in the phone's memory

1. When **Phone** highlights, press the **Select** soft key.

2. Press the Down key to move and change the setting, or enter more information, if necessary.

   Note: Depending on the selected memory, information or settings you can enter may be different.

   - **Last name**/**First name**: Enter the entry name. For further details about how to enter characters, see page 36.
   - **Mobile**/**Home**/**Office**/**Fax**/**Other**: Add a number for any category.
   - **Email**: Enter an e-mail address.
   - **Graphic ID**: Assign an image as a caller ID image to be displayed when you receive a call from the selected number.
   - **Alert**: Select an unique ringer melody for the entry. By selecting a different tone for each entry, incoming voice calls having a caller ID can be distinguished from each other.
   - **Group**: Select one of the relation groups you have created, where the entry is included. Grouping the entries enables you to search for an entry within the group. See page 68.
   - **Notes**: Add a memo about the person.

3. When you have finished entering the contact information for the entry, press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

   After storing, the phone displays information about the entry you just created.

4.

To	Press the
access the options	**Options** soft key. For further details, see page 64.
dial a number	Down key to scroll to a number and press the key.

Storing a number on the SIM card

1. Select **SIM** and press the **Select** soft key.

   Note: When you change phones, any numbers stored on 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.

2. Enter a name and press the Down key.

3. Enter a phone number.

4. Press the Down key to move to the location field.

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

6. Press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

7.

To	Press the
access the options	**Options** soft key. For further details, see page 64.
exit the current screen	**Back** soft key or the **C** key.

Group *(Menu 2.3)*

In this menu, you can organise your Phonebook entries in caller groups.

Creating a new caller group

1. On the Group screen, press the **Options** soft key.
2. Select the **Add** option and press the **Select** soft key.
3. Enter a name for your group and press the Down key.

   For further details about how to enter characters, see page 36.
4. When the Graphic ID field highlights, press the *i* key.

   After selecting an image, the display returns to the Edit screen.
5. Press the Down key to move to the Alert field and press the *i* key.

   After selecting a melody or sound, the display returns to the Edit screen.

6. If you want to change the added items, press the Up or Down key to highlight a field and press the **Options** soft key.

   The following options are available:

   - **Edit**: allows you to edit the group image or melody.
   - **Save**: saves the caller group you created.
   - **Cancel**: deletes the caller group.

7. Select the **Save** option and press the **Select** soft key.

   The new group is added to the Group list.

Adding members to a caller group

Once you have created caller groups on the Group list, do as follows to add members to a group:

1. Scroll to the group you want and press the *i* key.

2. Press the **Add** soft key or the *i* key to open the Contact list screen.

   Note: You can add entries stored in the phone's memory to a group.

3. Scroll to the name you want to add to the group and press the **Select** soft key.

   The selected name is added to the group.

4. To add more members, press the **Options** soft key, select **Add**, and select a name from the Phonebook list. Repeat this step as often as necessary.

   You can delete an added member by selecting **Delete**.

5. When you have finished, press the *i* key.

Managing caller groups

After creating caller groups and adding members to the groups, the Group list shows the group names and the numbers of members in each group.

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

View: shows the list of the members in the group.

Add: allows you to add a new group.

Edit: allows you to change the properties of the currently selected group, such as the name, image, and melody.

Delete: allows you to delete the currently selected group. When you delete a group, the members in the group are not deleted from Phonebook.

To view the names in a caller group, scroll to the group and press the *i* key. The list of the members in the group appears.

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

View: shows you entry details stored in Phonebook.

Add: allows you to add a member to the group.

Delete: allows you to delete a name from the group.

Speed dial *(Menu 2.4)*

You can assign up to 8 of your most frequently used phone numbers from your Phonebook list to the number keys (**2** to **9**), and then dial them easily whenever you want, simply by pressing and holding the associated number key.

Setting up speed dial entries

1. Select the key to which you wish to assign the speed dialling number, from the **2** to **9** keys, and press the *i* key.

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

2. Enter the name you want to find, or scroll to a number using the Up or Down key.

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

When you select a key on the Speed dial screen, you can access the following options by pressing the **Options** soft key:

Add: allows you to assign a number to the key. This option shows for an empty key.

Change: allows you to assign a different number to the key. This option shows for an occupied key.

Remove: allows you to clear the setting so that no number is assigned to the key.

Speed dialling

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

My name card *(Menu 2.5)*

In this menu, you can create a name card for yourself. After creating a name card, you can send it to other people via several different routes.

Create your name card as you would for saving a number in Phonebook. For further details, see page 65.

After saving a name card, press the **Options** soft key to access the following options:

Edit: allows you to edit your name card.

Send: allows you to access the following sending options:

via SMS: allows you to attach your name card to a text message. For further details, see page 107.

via MMS: allows you to attach your name card to an MMS message. For further details, see page 116.

via Email: allows you to attach your name card to an e-mail. For further details, see page 133.

via Bluetooth: allows you to send your name card via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send your name card via the infrared port. For further details, see page 217.

Delete: allows you to clear your name card.

Own number *(Menu 2.6)*

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 your own phone numbers registered on your SIM card.
- delete the names and numbers.

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

Management *(Menu 2.7)*

In this menu, you can:

- select the default memory location to which numbers are saved.
- copy all of the Phonebook entries in your SIM card to your phone's memory.
- delete all of the entries in Phonebook.
- check the memory status of Phonebook.

Default saving *(Menu 2.7.1)*

You can select a default memory location to which you want names and numbers saved.

The following options are available:

Phone: saves names and numbers in the phone's memory.

SIM: saves names and numbers on the SIM card.

Ask on saving: displays the Save to screen to allow you to select a memory location manually.

Copy all to phone *(Menu 2.7.2)*

You can copy all of the names stored on the SIM card to the phone's memory. When a confirmation message appears, press the **Yes** soft key.

Delete all *(Menu 2.7.3)*

You can delete all of the names from your phone's memory, your SIM card, or both.

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

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

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

3. When a confirmation message appears, press the **Yes** soft key.

4. Enter the phone password and press the **OK** soft key.

   Note: The password is preset to "00000000" at the factory. To change this password, see page 219.

Memory status *(Menu 2.7.4)*

You can check how many names are stored in Phonebook, in both the phone's memory and on the SIM card.

The display shows you the number of entries you have stored and the total number of the entries you can store in the phone's memory and on the SIM card.

Service number *(Menu 2.8)*

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

1. Scroll through the numbers by pressing the Up or Down key.
2. Press the **Dial** soft key to dial the number displayed.

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

Applications

In this menu, you can:

- enjoy various Java games.
- play music files using your phone as an MP3 player.
- record a voice memo.
- set your time zone and check world time.
- set an alarm so that the phone alerts you at a specific time.
- use the phone as a calculator for basic mathematical equations, or as a convertor.
- use the phone as a timer or stopwatch.

Java world *(Menu 3.1)*

You can enjoy Java games. You can also change the DNS setting required for accessing Java services, if necessary, and view the memory status for Java games.

Downloads *(Menu 3.1.1)*

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

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

Using Java game options

On the Downloads screen, press the **Options** soft key to access the following options:

Launch: launches the selected MIDlet.

Application Settings: allows you to select whether or not to continue a game when an event, such as incoming messages or alarms, occurs on the phone during the game. You can also select whether or not you exchange game information with the network while playing an on-line game or when you need to connect to the Internet.

Delete: allows you to delete the MIDlet.

Properties: shows you properties about the MIDlet.

Playing ForgottenWarrior

1. On the Downloads screen, select **ForgottenWarrior** and press the *i* key.

2. Press any key twice to launch the game.

3. Press the **PLAY** soft key.

   Alternatively, press the **OPTIONS** soft key to access the following options:

   - **StartGame**: starts a new game.
   - **Continue**: allows you to continue the last game you played.
   - **Instruction**: shows how to play the game and the key functions for the game.
   - **Setting**: allows you to change the default settings for the game.

     SOUND: allows you to turn the game sound on or off.

VIBRATION: allows you to set the phone to vibrate when you move to another stage.

SPEED: allows you to select a game speed using the Left or Right key.

- **Quit**: exits the game.

4. Select **StartGame** or **Continue** and press the **OK** soft key to start playing.

   If necessary, press the **SKIP** soft key on the start screen.

During a game, press the **OPTIONS** soft key to access the following options:

RESUME: resumes the game.

INSTRUCTIONS: shows how to play the game and the key functions for the game.

SOUND ON/OFF: allows you to turn the game sound on or off.

MAIN MENU: returns to the main menu screen of the game.

QUIT: quits the game.

Playing Freekick

1. On the Downloads screen, select **Freekick** and press the *i* key.

2. Press any key to display the following options:

   - **Game**: allows you to select a game mode, **Training Mode**, **Stage Mode**, or **Striker Mode**.

- **Option**: allows you to change the default settings for the game:

  Sound: allows you to turn the game sound on or off.

  Vibration: allows you to set the phone to vibrate when you kick the ball.

- **HELP**: allows you to access the following options:

  Instruction: shows the goal of the game.

  How to play: shows how to play the game.

  Game Mode: shows explanations of each game mode.

  Control: shows the key functions for the game.

- **EXIT**: exits the current screen.

3. Select **Game** and press the *i* key.

4. Select a game mode, **Training Mode**, **Stage Mode**, or **Striker Mode**, and press the *i* key.

5. Select a team and press the *i* key.

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

6. Select a player and press the *i* key.

7. To start a game, press the *i* key.

   Now the game is loaded and starts.

During a game, press the # key to access the following options:

RESUME: resume the game.

OPTION: allows you to change the default settings for the game:

Sound: allows you to turn the game sound on or off.

Vibration: allows you to set the phone to vibrate when you kick the ball.

Help: allow you to access following options:

Instruction: shows the goal of the game.

How to play: shows how to play the game.

Game Mode: shows explanations of each game mode.

Control: shows the key function for the game.

QUIT: quits the game.

Playing ArchAngel

1. On the Downloads screen, select **ArchAngel** and press the *i* key.
2. Press any key to display the following options:
   - **NEW GAME**: allows you to start a new game.
   - **LOAD GAME**: allows you to restart a saved game.
3. Select either of the options and press the **OK** soft key.
4. Select a game mode, **EASY MODE** or **HARD MODE** and press the **OK** soft key.

5. Press the **NEXT** soft key or the *i* key repeatedly until the following options display:

   Alternatively, press the **SKIP** soft key to go to the options screen. The following options display:

   - **Briefing**: shows the mission for the game.
   - **Mission Start**: starts a new game.
   - **System**: allows you to access the following options:

     Save Game: allows you to save the game.

     Load Game: allows you to restart a saved game.

     Sound: allows you to turn the game sound on or off.

     Plasma Canon: allows you to set whether or not missiles are automatically fired.

     Information: allows you to view information about the game screen, return to the Menu list, or start a game.

     Quit: quits the game.
   - **Information**: shows you information about the game.
   - **Machine Shop**: allows you to buy items, such as weapons or armour.

6. Press the **Play** soft key.

7. Press the **Next** soft key or the *i* key repeatedly until you see the mission information.

   Alternatively, when you press the **Skip** soft key to start a game.

8. If necessary, press the **Start** soft key to start a game.

9. To pause the game, press the **PAUSE** soft key. To resume the game, press the **RESUME** soft key.

During a game, press the **OPTIONS** soft key to access the following options:

RESUME: resumes the game.

SOUND: allows you to turn the game sound on or off.

PLASMA: allows you to select whether or not missiles are automatically fired.

INSTRUCTIONS: shows how to play the game and the key functions for the game.

MAIN MENU: returns to the main menu screen of the game.

QUIT: quits the game.

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 *i* 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.

Setting *(Menu 3.1.2)*

In this menu, you can change the settings for accessing Java services.

The following options are available:

APN: Enter the access point name.

Login ID: Enter the User ID.

Password: Enter the password.

DNS1: Enter the primary DNS address.

DNS2: Enter the secondary DNS address.

Memory status *(Menu 3.1.3)*

In this menu, you can view the total and used memory amounts for Java games.

MP3 player *(Menu 3.2)*

You can enjoy music using your phone as an MP3 player.

Before using the MP3 player, you first need to save MP3 music files in your phone's memory.

Downloading and receiving MP3 music files

You can download or receive music files using the following methods:

- from the Wireless Web.
- from a computer. You can download music files from your computer to the phone through the EasyStudio programme.
- from received multimedia messages or e-mails.
- Via IrDA.
- Via Bluetooth. For further details about receiving data via Bluetooth, see page 216.

The downloaded or received files are stored in the **Music** folder. See page 160.

Creating the play list

Before playing MP3 music files, you need to add them to the play list.

1. On the MP3 player screen, press the **Options** soft key.

2. Select **Add to list** and press the **Select** soft key.

   The following options are available:

   - **Add all**: adds all of the music files stored in the **Music** folder to the play list.
   - **Add a file**: allows you to add a music file to the play list. Continue to next steps.

3. If you select **Add a file** in step 2, scroll to a music file and press the **Add** soft key or the *i* key.

4. To add more files to the play list, press the **Options** soft key. Follow the procedure from step 2.

5. When the play list is complete, you can go back to the MP3 player screen by pressing the **Back** soft key.

After adding files to the play list, press the **Options** soft key to access the following options:

Play: plays the file.

Add to list: allows you to add a file or all of the files stored in your phone to the play list.

Move list: allows you to move the selected file to the position you want within the play list.

Remove: allows you to remove the file from the play list.

Remove all: allows you to remove all of the files stored in the play list.

Playing MP3 files

On the MP3 player screen, press the *i* key to play the file(s) in the play list.

You can use the following options while playing a file:

- Scroll to a function button on the screen and press the *i* key. The following buttons are available:

Buttons	Function
	pauses.
	resumes.
	stops.
	returns to the previous file.
	skips to the next file.
/ /	changes repeat mode style.

- Press the Volume keys to adjust the volume.
- Press the **Options** soft to access the options. For details, see page 86.
- Press the **Stop** soft key to stop the playback.

Using MP3 file options

You can access the following options by pressing the **Options** soft key on the MP3 player screen:

Play/**Pause**: begins/pauses playback.

Send: allows you to access the following sending options:

via MMS: allows you to send the file to another person as part of an MMS message. For details, see page 116.

via Email: allows you to send the file to another person as part of an e-mail. For details, see page 133.

via Bluetooth: allows you to send the file to another person via the Bluetooth feature. For details, see page 216.

via infrared: allows you to send the file to another person via the infrared port. For details, see page 217.

Open play list: shows the play list.

Set as: allows you to set the file as your ring tone or as a caller alert melody for an entry in Phonebook.

Delete: allows you to delete the file.

Settings: allows you to change the default settings for playing MP3 files. To change settings, press the Left or Right key. The following options are available:

Repeat: allows you to select a repeat mode, **One**, **All**, or **Off**.

Shuffle: allows you to select a playing order, **Normal** or **Random**.

Volume: allows you to select a volume level.

Volume key unlock: allows you to lock the Volume keys on the left side of the phone so that you can prevent an accidental press of the Volume keys from affecting playback volume.

Equalizer value: allows you to select an equalizer value.

Properties: shows information about the file.

Voice recorder *(Menu 3.3)*

You can record voice memos. After recording, you can send the memo to other people using various sending options. You can record voice memos of up to 1 hour in duration.

Recording a voice memo

1. To start recording, press the *i* key.

2. Record a memo by speaking into the microphone.

   You can pause recording by selecting and resume by selecting . You can also adjust the volume by pressing the Volume keys.

3. When you have finished, scroll to and press the *i* key or press the **stop** soft key.

   If the recording time expires, the phone will automatically stop.

   The voice memo is automatically saved.

4.

To	Press the
use the options	**Options** soft key. See the following page.
return to the Voice record screen	**Back** soft key or the **C** key.

After recording a voice memo, you can access the following options by pressing the **Options** soft key:

Play: plays back your voice memo.

Send: allows you to access the following sending options:

via MMS: allows you to send the voice memo as part of an MMS message. For further details, see page 116.

via Email: allows you to send the voice memo as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the voice memo to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the voice memo to another person via the infrared port. For further details, see page 217.

Rename: allows you to change the name of the voice memo.

Delete: allows you to delete the voice memo.

Protection: protects the voice memo from being deleted.

Properties: shows you the properties of the voice memo, such as the file name, the time and date it was saved, format, recording duration, size, and protection status.

Using the voice record options

On the Voice record screen, press the **Options** soft key to access the following options:

Record: begins recording a new voice memo.

Settings: allows you to change the default settings for recording a voice memo. To change settings, press the Left or Right key. The following options are available:

Recording time: allows you to select a recording time, **1 hour**, **30 sec**, or **1 min**.

Volume: allows you to select a volume level for recording voice memos.

Default name: allows you to change the default prefix of the voice memo.

Equalize value: allows you to change the equalizer image on the Voice record screen.

Go to voice list: shows you the list of the voice memos you have recorded.

Playing a voice memo

1. On the Voice record screen, press the **Options** soft key.
2. Select the **Go to voice list** option and press the *i* key.
3. Scroll to a voice memo and press the **Select** soft key.

   The selected memo plays.

4. You can pause playing by selecting and resume by selecting . You can also adjust the volume by pressing the Volume keys.

   To stop, select or press the **Stop** soft key.

After playing a voice memo, you can access the voice memo options by pressing the **Options** soft key. For further details, see page 89.

World time *(Menu 3.4)*

This menu allows you to find out what time it is in another part of the world and apply Daylight Savings Time, the summer time adjustment used in many countries.

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

To select your time zone:

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

   The corresponding time line moves and the local time and date display.

2. Press the Down key.

3. Select the foreign time zone you want to check by pressing the Left or Right key.

4. Press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

To apply Daylight Savings Time:

1. On the world map, press the **Options** soft key.
2. Select **Set daylight saving time** and press the **Select** soft key.
3. Scroll to the time zone to which you want to apply the adjustment using the Up or Down key.
4. Press the *i* key to place a check mark.

   To remove a check mark, press the *i* key again.
5. If necessary, repeat steps 3 and 4.
6. Press the **Save** soft key.

Alarm *(Menu 3.5)*

This feature allows you to:

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

To set an alarm:

1. Choose the type of alarm, **Morning call**, **Alarm1**, or **Alarm2** and press the **Select** soft key.
2. Select **On** in the Alarm field by pressing the Left or Right key and press the Down key.
3. Enter the time for the alarm to sound and press the Down key.

   Note: Your phone is preset to a 24-hour format. To change the format, see page 197.

4. If applicable, select **AM** or **PM**.

5. Press the Down key and press the *i* key.

6. Select the day for which you need the alarm and press the *i* key to place a check mark. If you want to set a one time alarm, select **Once alarm**.

   To remove a check mark, press the *i* key again.

7. When you have finished selecting days, press the **OK** soft key.

8. Press the Down key to move to the Alarm tone field and press the *i* key.

9. Select the alarm melody you want and press the **Select** soft key.

10. Press the **Save** soft key.

11. When a confirmation message appears, press the **Yes** soft key.

When the time for an alarm comes, use either of the two soft keys to stop the alarm:

- Press the **Confirm** soft key.
- Press the **Snooze** soft key or any key to stop the alarm for 5 minutes, after which it will resume. You can do this a maximum of 5 times.

Using the **Auto power** option, you can set your alarms to ring at the specified time, even if the phone is off.

1. On the Alarm screen, scroll to the **Auto power** option and press the **Select** soft key.

2. Select **On** and press the **Select** soft key.

If the time for an alarm comes and the phone is off, the phone automatically switches on and rings the alarm.

Calculator *(Menu 3.6)*

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.

   Note: To include a decimal point, press the * key.

2. Enter the operation for your calculation by pressing the # key until the symbol you want displays.

3. Enter the second number.

4. To view the result, press the **Equal** soft key or the *i* key.

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

Converter *(Menu 3.7)*

Using this menu, you can do currency and other conversions.

1. Select the convertor type you want and press the **Select** soft key.

2. Select the original unit by pressing the Left or Right key and press the Down key.

3. Enter the value to be converted and press the Down key.

   Notes:
   - You can insert a decimal point by pressing the * key.
   - For a temperature conversion, you can change the sign of a number to above zero(+) or below zero(-) by pressing the # key.

4. Select the unit you want to change into by pressing the Left or Right key.

   The equivalent value for the amount you entered displays.

5. Press the **Back** soft key or the **C** key to exit the current screen.

Timer *(Menu 3.8)*

In this menu, you can set a period of time for the phone to count down. The phone will alert you with an alarm when the specified period of time has expired.

1. Press the **Set** soft key.
2. Enter the length of time you want to count down.
3. Press the **OK** soft key.
4. To start counting down, press the *i* key.

Even if you exit the Timer screen, the timer will continue running. When the specified time has expired, the phone informs you by sounding a melody and displaying a text notification.

To stop the timer melody when it rings, open and close the phone or press any key.

To stop the timer before the end, press the *i* key on the Timer screen.

Notes:
- The timer uses power from the battery, and consequently the phone's operating time is reduced.
- If the phone is in Quiet mode, it will vibrate when the countdown ends.

Stopwatch *(Menu 3.9)*

The stopwatch can be used to measure elasped time for various sports.

Example: Running or swimming races

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

1. To start timing something, press the *i* key.
2. To check an interval, for example, one lap, press the *i* key. You can repeat this step for a total of 4 intervals.
3. Press the **Reset** soft key to reset.

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

SIM AT *(Menu 3.10)*

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

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

Browser

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

Home *(Menu 4.1)*

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

Note: To go to the startup homepage from any other screen in the WAP browser, use the **Home** option. For further details about the WAP Browser menus, see page 99.

Exiting the WAP browser

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

Navigating the WAP browser

To	Press the
scroll through browser items	Up or Down key.
select a browser item	✓ soft key.
return to the previous page	**Back** soft key or the **C** key.
return to the startup homepage	**C** key for more than two seconds. For further details about this option, see page 100.

Entering text in the WAP browser

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

For further details about how to enter characters, see page 36.

Selecting and using browser menu options

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

To access a menu option:

1. Press the **Menu** soft key. A menu list displays.

   You can also press the Up key to select the Openwave icon and press the ✓ soft key.

2. Select the **Menu** option and press the ✓ soft key.

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

4. Select an option by pressing the ✓ soft key.

5. If necessary, select a secondary option by pressing the Up or Down key, and press the **Select** soft key to confirm.

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

The following options are available:

Back: goes to the previous page.

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

Exit: exits the WAP browser.

Reload: reloads the current page.

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.

About...: provides you with information about your version of the WAP browser.

Using the WAP page options

When you are using the WAP browser, you can access the following options by pressing the # key.

Go to URL: switches to the **Go to URL** menu. For details, see page 102.

Bookmark: switches to the **Bookmarks** menu. For details, see page 101.

Messages: allows you to check your Inbox, Outbox, and Draft in the **Short messages** menu. You can also create and send a new text message.

Funbox: switches to the **Funbox** menu. For details, see page 155.

Bookmarks *(Menu 4.2)*

This menu allows you to store the URL addresses of up to 15 of your favourite web sites.

To store a URL address:

1. Select an empty location or the item you want to change and press the **Select** soft key.
2. Enter a name for the bookmark and press the Down key.
3. Enter the address and press the *i* key or press the **Options** soft key and select **Save**.

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

Go: quickly takes you to the site.

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

Delete: allows you to delete the bookmark.

To access a bookmarked page, scroll to an item by pressing the Up or Down key and press the *i* key.

Go to URL *(Menu 4.3)*

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

For further details about how to enter characters, see page 36.

Clear cache *(Menu 4.4)*

Selecting this menu clears the information stored in the cache, the phone's temporary memory in which the most recently accessed Web pages are stored. When a confirmation message appears, press the **Yes** soft key.

Settings *(Menu 4.5)*

This menu allows you to set up 5 servers for the WAP browser. Contact your service provider for details about your settings options.

For each server, the following options are available:

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

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

Bearer: select a bearer to be used for each type of network address accessed: **GPRS only**, **GSM**, or **GPRS First only**.

Proxy: select whether or not you use a proxy server when you connect to the WAP browser. Depending on the setting, options in the GPRS settings and GSM settings vary.

When the proxy is set to **Enable**:

GPRS settings: the following options are available:

IP address: enter the WAP gateway address required to connect to the GPRS network.

Port: enter the port number required to connect to the GPRS network.

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

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

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

GSM settings: the following options are available:

IP address: enter the WAP gateway address required to connect to the GSM network.

Port: enter the port number required to connect to the GSM network.

Dial number: enter the PPP server phone number.

Login ID: enter user ID required to connect to the GSM network.

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

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

When the proxy is set to **Disable**:

GPRS setting: the following options are available:

DNS 1: enter the primary address to connect to the GPRS network.

DNS 2: enter the secondary address to connect to the GPRS network.

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

Login ID: enter the user ID required to connect to the GPRS network.

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

GSM settings: the following options are available:

DNS 1: enter the primary address to connect to the GSM network.

DNS 2: enter the secondary address to connect to the GSM network.

Dial number: enter the PPP server phone number.

Login ID: enter the user ID required to connect to the GSM network.

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

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

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

Current proxy *(Menu 4.6)*

You can activate one of the proxies you have set up to use the WAP connection.

Messages

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

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

Short message *(Menu 5.1)*

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

The Text Message icon ( ) appears when you have received new text messages. If the memory is full, an error message displays and you will be unable to receive any new messages. Use the **Delete** option in each message box to delete unwanted messages.

Create *(Menu 5.1.1)*

In this menu, you can write and send text messages.

Creating a simple text message

1. Create your message.

   You can create a message using standard Alphabet characters or special Unicode characters, depending on the setting in the **Character support** menu; see page 113.

   Notes:
   - For further details about entering characters, see page 34.
   - You can enter up to 160 standard Alphabet characters in your message. When you enter text using Unicode characters, the maximum number of characters in a message is reduced by approximately half.

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

   Note: when you press the *i* key, the phone automatically selects the **Send only** option. Skip to step 4.

   - **Send and save**: allows you to first save a copy of the message and then sends the message. You can read the message in your Outbox.
   - **Send only**: allows you to send the message. The message is then deleted after sending.
   - **Save message**: allows you to save the message in the **Draft** box (**Menu 5.1.4**).
   - For further details about **Text style**, **Add media**, **Text template**, and **Language select** options, see page 108.

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

   If you want to just save the message, select **Save message**.

4. Enter a destination number.

5. If you want to send the message to more than one person, press the Down and fill in another destination field.

6. If necessary, repeat steps 4 and 5 to add more phone numbers. You can enter up to 10 numbers.

7. Press the *i* key or the **Options** soft key and then select **Send**. Press the **Select** soft key.

   The message is sent.

Note: When the phone fails to send the message, it asks you if you want to retry. Press the **Retry** soft key to confirm. Otherwise, press the **No** soft key or the *i* key and press the **Save** soft key to save the message in the Draft box.

Creating a message using options

1. Create a message.

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

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

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

     For the **Text size** attribute, **Small**, **Medium**, and **Large** sizes are available.

     For the **Text mode** attribute, **Normal**, **Underline**, and **Strikethrough** are available.

For the **Bold** and **Italic** attributes, place a check mark by pressing the *i* key to use a particular text style.

For the **Alignment** attribute, **Left**, **Center**, and **Right** are available.

These attributes can combined.

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

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

- **Text template**: allows you to apply one of the preset message templates to the text. Select one of 10 items stored in the **Templates** menu (**Menu 5.6**). For further details, see page 152.
- **Language select**: allows you to change the language to be used in T9 input mode. Select the language to be used.

4. Complete the message, and send or save it by following the procedure from step 2 on page 107.

Creating a long text message

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

Inbox *(Menu 5.1.2)*

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

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

1. Select a message from the list and press the *i* key to read the message contents.
2. Press the Up or Down key to scroll through the contents.
3. Press the Left or Right key to scroll to the previous or next message.

Using the message options

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

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

Send: allows you to send/resend the message. For further details about how to send a message, see page 107

Call back: allows you to call the sender.

Edit: allows you to edit the message.

Delete: allows you to delete the message.

Cut media: allows you to save media items, such as sounds or images, from the message to your phone. You can then use these items when writing a message. For details, see page 109.

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

Transfer: allows you to move the message from the SIM card to the phone's memory or vice versa.

Block number: allows you to add the sender's number to the **Block number** folder (**Menu 5.1.6**) so that you can reject a message from the number.

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

On the message list, press the **Options** soft key to access the following options:

View: shows you the message.

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

Send: allows you to send/resend the message. For further details about how to send a message, see page 107.

Delete: deletes the message.

Delete all: allows you to delete all of the messages stored in the Inbox.

Call back: allows you to call the sender.

Outbox *(Menu 5.1.3)*

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

When you access this menu, a list of messages in the box displays with the recipients' phone numbers or names, if available in Phonebook.

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

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

3. Press the Left or Right key to scroll to the previous or next message.

Using the message options

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

Send: allows you to send/resend the message. For further details about how to send a message, see page 107.

Edit: allows you to edit the message.

Delete: allows you to delete the message.

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

Transfer: allows you to move the message from the SIM card to the phone's memory or vice versa.

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

On the message list, press the **Options** soft key to access the following options:

View: shows you the message.

Send: allows you to send/resend the message. For further details about how to send a message, see page 107.

Edit: allows you to edit the message.

Delete: allows you to delete the message.

Delete all: allows you to delete all of the messages stored in the Outbox.

Draft *(Menu 5.1.4)*

After creating a text message, you can store it in this message box to be sent at a later time.

For further details about viewing a message, see “Outbox” on page 111.

Settings *(Menu 5.1.5)*

In this menu, you can set up default message information. A setting group is a collection of settings required to send messages.

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

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

Character support: allows you to select a character encoding type, either **GSM-alphabet**, **Unicode**, or **Auto**. If you select **Auto**, the phone automatically changes the encoding type from GSM-alphabet to Unicode when you enter a Unicode character.

When you select **Unicode**, the maximum number of characters in a message is reduced by approximately half. If your recipient's phone does not support Unicode characters, he/she may not be able to read your message correctly. For details about Unicode characters, see page 248.

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.

Message type: allows you to set the default message type to **Text**, **Fax**, **Voice**, **ERMES**, **X400**, or **Email**. The network can convert the messages into the selected format.

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.

Block number *(Menu 5.1.6)*

Using this menu, you can set up a message filter by entering phone numbers so that the phone rejects messages from those numbers.

1. Enter the phone number.
2. If you want to add more phone numbers, press the Down key.
3. If necessary, repeat step 1 and 2 to add more phone numbers.

   You can enter up to 10 numbers.
4. Press the **Options** soft key or the *i* key.

5. Select the **Save** option and press the **Select** soft key.

On the Filtering list screen, press the **Options** soft key to access the following options:

Save: allows you to save the number.

Phonebook: allows you to search for a number in Phonebook.

Delete: deletes the currently selected phone number.

Delete all: deletes all of the numbers stored in the Block number list.

Delete all *(Menu 5.1.7)*

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

1.

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

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

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

Multimedia messages *(Menu 5.2)*

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

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

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

Create *(Menu 5.2.1)*

In this menu, you can create a new MMS message.

Creating and sending a multimedia message

1. When **Subject** highlights, press the *i* key.
2. Enter the subject of your message and press the **OK** soft key.

   For further details about how to enter characters, see page 36.

3. Press the Down key to move to the Picture & Video field, and press the *i* key.

   Add a photo or video to the message by using the following options:

   - **Pictures**: allows you to add a photo or downloaded image. You can take a new photo, or select one of the photos you have taken, or select images downloaded from the Wireless Web. For further details about the Camera feature, see page 182.
   - **Videos**: allows you to add a video clip. You can record a new video clip or select one of the video clips you have recorded or downloaded from the Wireless Web. For further details about the Camera feature, see page 182.

   Note: When you add a video clip to a message, you are unable to add a sound clip to the message.

   After adding an image, the display returns to the message screen.

4. Press the Down key to move to the Sound field and press the *i* key.

   Add a sound clip by using the following options:

   - **Record**: allows you to record a new voice memo. For details, see page 88.
   - **Voices**: allows you to select one of the voice memos you have recorded.
   - **My sounds**: allows you to select a sound downloaded from the Wireless Web.
   - **Music**: allows you to select one of the MP3 files stored in your phone.

   After adding a sound, the display returns to the message screen.

5. Press the Down key to move to the Message field and press the *i* key.

6. Enter the message text.

   You can press the **Options** soft key to access the following options:

   - **Done**: allows you to save your message text and returns to the message screen.
   - **Template**: allows you to retrieve a message template from the **Text templates** folder (**Menu 5.6**).
   - **Language select**: allows you to change the language to be used in T9 input mode. Select the language to be used.
   - **Save message**: allows you to save the message in the **Draft**, **My folder**, or **Templates** folder.

7. When you have finished writing the message text, press the *i* key.

8. If you want to change the any of added items, press the Up or Down key to highlight a field and press the **Options** soft key.

   Note: Available options are different, depending on the whether the field you select on the message screen is the Subject, Picture & Video, Sound, or Message field.

   The following options are available:

   - **Edit**: allows you to edit the subject of your message or message text.
   - **Add media/sound**: allows you to add more photos, videos, or sounds to the message.
   - **Preview**: shows the message you created.
   - **Send**: allows you to send the message.

- **Add page**: allows you to add more pages. You can move to each page by pressing the Left or Right key on the message screen.
- **Page timing**: allows you to set how long a page displays on the message presentation screen. After a specified time, the display automatically scrolls to the next page.
- **Text style**: allows you to format the style of the text.

  For the **Text color** attribute, **Black**, **Blue**, **Green**, **Red**, or **Yellow** is available.

  For the **Text size** attribute, **Medium**, **Large**, or **Small** sizes are available.

  For the **Bold**, **Italic**, or **Underline** attributes, place a check mark by pressing the *i* key to use a particular text style.
- **Clear subject**/**Picture & Video**/**sound**/**message**: clears the subject of your message, added images, sounds, or message text.
- **Delete page**: allows you to delete the added page.
- **Save message**: allows you to save the message in the **Draft**, **My folder**, or **Templates** folder.

9. When you have finished creating the message, choose the **Send** option and press the **Select** soft key.

10. Enter a destination number or e-mail address.

    While entering a destination phone number or e-mail address, you can access the following options by pressing the **Options** soft key:

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

- **Phonebook**: allows you to retrieve a number from Phonebook.
- **Change recipient**: allows you to change the recipient's type to To, Bcc, or Cc.
- **Save message**: allows you to save the message in the **Draft**, **My folder**, or **Templates** folder.
- **Back**: returns to the message screen.

11. If you want to send the message to more than one person, press the Down key and fill in another destination field.

    Note: You will be billed for each phone number or e-mail address.

12. If necessary, repeat steps 10 and 11. You can enter up to 20 numbers.

13. Choose the **Send** option and press the **Select** soft key.

    Your phone sends the message.

Inbox *(Menu 5.2.2)*

When a new multimedia message comes in, the display shows the MMS icon ( ). A list of multimedia messages you have received displays with the senders' phone numbers, if they are available in Phonebook, or subjects. The icons on the left tell you the status of the messages:

- : MMS notifications that you have read.
- : MMS notifications that you have not read.
- : Messages that you have read.
- : Messages that you have not read.

Note: When the **Home reception** or **Roaming reception** option is set to **Manual**, text notifications are automatically saved to the Inbox. If the option is set to **Automatic**, messages are automatically saved to the Inbox without notifications. By default, these options are set to **Automatic**.

Retrieving a message

1. Scroll to a notification using the Up or Down key and press the *i* key.

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

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

   - **View**: opens the notification message.
   - **Retrieve**: retrieves the message from the MMS server.
   - **Delete**: deletes the message.
   - **Delete all**: deletes all notification messages.

4. To read the message, press the **Select** soft key when **Retrieve** is highlighted.

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

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

6. When you are finished, press the key.

Viewing a message

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

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

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

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

Using message options

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

Replay: allows you to replay the message.

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

Reply all: allows you to send a reply to the sender, and entries in the To and Cc fields by sending a multimedia message.

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

Call back: allows you to call the sender.

Delete: allows you to delete the message.

Cut media: allows you to save media contents, such as pictures, videos, sounds, Vcards, and Vcalendar entries, from the message into your phone.

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

Move to my folder: allows you to move the message to the **My folder** box (**Menu 5.2.5**).

Save as template: allows you to save a copy of the message in the **Template** box (**Menu 5.2.6**).

Properties: shows you the properties of the message, such as the subject, the time and date the message was retrieved, sender's and recipient's e-mail address or phone number, message size, the number of attached files, its priority, and the message class.

On the message list, press the **Options** soft key to access the following options:

View: shows you the message.

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

Reply all: allows you to send a reply to the sender, and to the Bcc and Cc addresses.

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

Call back: allows you to call the sender.

Delete: allows you to delete the message.

Delete all: allows you to delete all of the messages stored in the Inbox.

Move to my folder: allows you to move the message to the **My folder** box (**Menu 5.2.5**).

Save as template: allows you to save a copy of the message in the **Template** folder (**Menu 5.2.6**).

Properties: shows you the properties of the message, such as the subject, the time and date the message was retrieved, sender's and recipient's e-mail address or phone number, message size, the number of attached files, its priority, and the message class.

Outbox *(Menu 5.2.3)*

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

- : Messages currently being sent
- : Messages sent
- : Messages your phone couldn't send or stopped sending

To view a message:

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

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

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

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

Using the message options

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

Replay: allows you to replay the message.

Delete: allows you to delete the message.

Send: allows you to send/resend the message.

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

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

Move to my folder: allows you to move the message to the **My folder** box (**Menu 5.2.5**).

Set as templates: allows you to save the copy of the message in the **Template** folder (**Menu 5.2.6**).

Properties: shows you the properties of the message, such as the status, subject, sender's e-mail address or phone number, message size, transaction ID, MMS version, and the time and date the message was sent.

On the message list, press the **Options** soft key to access the following options:

View: shows you the message.

Send: allows you to send/resend the message.

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

Delete: allows you to delete the message.

Delete all: allows you to delete all of the messages stored in the Outbox.

Properties: shows you the properties of the message, such as the subject, the time and date the message was sent, sender's and recipient's e-mail address or phone number, message size, the number of attached files, its priority, and the message class.

Draft *(Menu 5.2.4)*

After creating a multimedia message, you can store it in this message box to be sent at a later time.

For further details about viewing a message, see "Outbox" on page 124.

My folder *(Menu 5.2.5)*

In this menu, you can view the messages you have moved to or saved in this message box.

1. Scroll to a message and press the *i* key.

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

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

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

Using the message options

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

Replay: allows you to replay the message.

Send: allows you to send/resend the message.

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

Delete: allows you to delete the message.

Cut media: allows you to save media contents, such as pictures, videos, Vcards, and Vcalendar entries from the message into your phone.

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

Properties: shows you the properties of the message, such as the date the message was saved, recipient's e-mail addresses or phone numbers, message size, its priority, and message class.

On the message list, press the **Options** soft key to access the following options:

View: shows you the message.

Send: allows you to send/resend the message.

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

Delete: allows you to delete the message.

Delete all: allows you to delete all of the messages stored in the My folder box.

Properties: shows you the properties of the message, such as the date the message was saved, recipient's e-mail addresses or phone numbers, message size, its priority, and message class.

Template *(Menu 5.2.6)*

You phone has 11 preset messages that you can use when writing a new message. You are unable to delete the preset messages.

You can also save up to xx of your own template messages.

1. Scroll through the template list using the Up and Down keys.

2. When the message template you want highlights, press the *i* key.

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

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

4. Press the **Options** soft key to access the following options:

   - **Replay**: allows you to replay the message.
   - **Send**: allows you to send a message using the template. For further details about how to send a message, see page 116.
   - **Edit**: allows you to change the message contents, subject, image, sound, or text.
   - **Delete**: allows you to delete the message template. This option is not available for preset message templates.

5. Press the **Back** soft key to exit the current screen.

On the Template list, press the **Options** soft key to access the following options:

View: shows the message template.

Send: allows you to send a message using the template. For further details about how to send a message, see page 116.

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

New: allows you to create a new message template.

Delete: allows you to delete the message template. You are unable to delete the preset message templates.

Delete all: allows you to delete all of the message templates except for the preset message templates stored in the Template box.

Settings *(Menu 5.2.7)*

You can change the default settings for sending or receiving multimedia messages. You can also configure various network settings that are required when you send or receive multimedia messages.

Send settings

You can set the default settings for sending a multimedia message.

The following options are available:

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

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

Delivery after: you can select the time delay before messages are sent.

Address hiding: when this option is enabled, your phone number is not displayed on the recipient's phone.

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.

Receive settings

You can set the default settings for receiving a multimedia message.

The following options are available:

Home reception/**Roaming reception**: you can set whether or not your phone retrieves new incoming messages from the MMS server without notifications when you are in your home service area or when you are roaming in another network.

Automatic: the phone automatically retrieves new messages from the server.

Reject: the phone rejects all incoming messages.

Manual: the phone receives notifications and you need to manually download new messages by using the **Retrieve** option.

Anonymous reject: when this option is enabled, the phone rejects messages from anonymous senders.

Adverts reject: when this options is enabled, the phone rejects advertisement messages.

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

MMS profiles

You can configure various network settings that are required when you send or receive multimedia messages.

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

The following options are available:

Current profile: allows you to select one of the profiles.

Profile setting: for each profile, the following options are available:

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

Server URL: enter the address of your MMS server.

Bearer: select a bearer to be used for each type of network address accessed: **GSM only** or **GPRS only**.

GPRS settings: the following options are available:

- Proxy ip: enter the gateway address required to connect to the GPRS network.

- Proxy port: enter the port number required to connect to the GPRS network.

- APN: enter the access point name used for the address of the GPRS network.
- Login ID: enter the user ID required to connect to the GPRS network.
- Password: enter the password required to connect to the GPRS network.
- Proxy use: when this option is enabled, you can connect to the GPRS network using the proxy server.

GSM settings: the following options are available:

- Proxy ip: enter the gateway address required to connect to the GSM network.
- Proxy port: enter the port number required to connect to the GSM network.
- Dial number: enter the PPP server phone number.
- Login ID: enter the user ID required to connect to the GSM network.
- Password: enter the password required to connect to the GSM network.
- Data call type: select a data call type: **ISDN** or **Analog**.
- Proxy use: when this option is enabled, you can connect to the GSM network using the proxy server.

For further details, contact your service provider.

Delete all *(Menu 5.2.8)*

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

1.

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

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

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

Email *(Menu 5.3)*

You can send or receive e-mail messages directly using your phone. Using the Email feature, you can receive or send sounds and pictures, as well as Phonebook entries or calendar memos.

To use this feature, you need to subscribe to an e-mail message service and set up your email profile and account in the **Email account** and **Email profile** menus. See page 146 and page 148.

Create *(Menu 5.3.1)*

To write and send an e-mail message:

1. When **Subject** highlights, press the *i* key.

2. Enter the subject of your e-mail.

   For further details about entering characters, see page 36.

   On the Subject screen, press the **Options** soft key to access the following options:

   - **Save**: allows you to save the subject of your e-mail and returns you to the message screen.
   - **Language select**: allows you to change the language to be used in T9 input mode. Select the language to be used.
   - **Back**: returns you to the message screen.

3. Press the *i* key.

4. Press the Down key to move to the Message field and press the *i* key.

5. Enter the e-mail text.

   On the Message screen, press the **Options** soft key to access the following options:

   - **Save**: allows you to save the message text and returns you to the message screen.
   - **Text template**: allows you to retrieve a message template from the **Text template** folder (**Menu 5.6**).
   - **Language select**: allows you to change the language to be used in T9 input mode. Select the language to be used.
   - **Back**: returns you to the message screen.

6. Press the *i* key.

7. Press the Down key to move to the File attach field and press the *i* key.

   You can attach files of various types from the Images, Videos, Music, and Sounds folders.

   After attaching a file, the display returns to the message screen.

8. If you want to change added items, press the Up or Down key to highlight a field or an attached file and press the **Options** soft key.

   Note: Available options are different, depending on the whether the field you select on the message screen is the Subject, Message, or File attach field.

   The following options are available:

   - **Edit**: allows you to edit the subject of your e-mail or message text.
   - **Add**: allows you to add subjects, e-mail text, and media files.
   - **View**: shows the attached file.
   - **Send**: allows you to send the e-mail.
   - **Delete**: allows you to delete the attached file.
   - **Save Email**: saves the e-mail in the **Draft** (**Menu 5.3.4**) or **My folder** box (**Menu 5.3.5**).
   - **Clear subject/message**: clears the subject of your e-mail or message text.
   - **Remove all attachments**: deletes all attached files.

9. When you have finished creating the e-mail, choose the **Send** option and press the **Select** soft key.

10. Enter an e-mail address.

    You can access the following options by pressing the **Options** soft key while entering an address:

    - **Send**: allows you to send the e-mail you have created.
    - **Phonebook**: allows you to retrieve an e-mail address from Phonebook.
    - **Change recipient**: allows you to change the recipient's type to To, Bcc, or Cc.
    - **Save Email**: allows you to save the e-mail in the **Draft** (**Menu 5.3.4**) or the **My folder** box (**Menu 5.3.5**).
    - **Back**: returns you to the New screen.

11. If you want to send the message to more than one person, press the Down key and fill in another destination field.

12. If necessary, repeat step 11 to add more e-mail addresses. You can enter up to 15 e-mail addresses.

13. Select the **Send** option and press the **Select** soft key.

    Your phone sends the e-mail.

    After sending the e-mail, it is automatically saved in the Outbox.

Inbox *(Menu 5.3.2)*

This menu allows you to check the e-mail server for new e-mails and review the e-mail messages you have receiveds.

The icons on the left you the status of the messages:

- : E-mail that has been retrieved from the e-mail server.
- : E-mail with attachments that has been retrieved from the e-mail server.
- : E-mail that has not been retrieved from the e-mail server.
- : E-mail with attachments that has not been retrieved from the e-mail server.

Notes:
- When you have read the e-mail, the icon changes to an open envelope.
- A **!** icon next to a message means that the message is of high priority.

Viewing an e-mail header

1. Press the **Select** soft key when **Check new mail** highlights to retrieve e-mail headers from the server.

   Note: You can set the phone to retrieve headers only or whole e-mails including headers and bodies in the **Retrieve** option.

   The list of e-mail messages you have received displays.

2. Press the Up or Down key to scroll to an e-mail message.

3. Press the *i* key to read the header.

While viewing an e-mail header, press the **Options** soft key to access the following options:

Retrieve: allows you to retrieve one or all e-mail messages from the e-mail server.

Reply: allows you to send a reply to the sender or all of the recipients including the sender of the e-mail.

Delete: allows you to delete the header. You can select to either delete it from your phone or from both the phone and the e-mail server.

Cut address: allows you to extract e-mail addresses, URLs, and phone numbers, so that you can save them in Phonebook or go to the URL.

Block address: allows you to add the sender's e-mail address to the **Block address** folder (**Menu 5.3.7**) so that you can reject messages from that e-mail address.

On the message list, press the **Options** soft key to access the following options:

View: opens the header.

Retrieve: allows you to retrieve one or all e-mail messages from the e-mail server.

Reply: allows you to send a reply to the sender or all of the recipients including the sender of the e-mail.

Delete: allows you to delete the currently selected header. You can select to either delete it from your phone or from both the phone and the e-mail server.

Delete all: allows you to delete all of the e-mail messages, but only but from your phone.

Sort: allows you to sort the e-mail messages by size, subject, data, or sender's e-mail addresses.

Viewing an entire e-mail

1. Press the **Select** soft key when **Check new mail** highlights to retrieve e-mail headers from the server.

   Note: You can set the phone to retrieve headers only or whole e-mails including headers and bodies in the **Retrieve** option.

   The list of e-mail messages you have received displays.

2. Press the Up or Down key to scroll to an e-mail message.

3. Press the *i* key to read the message.

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

   If the e-mail has more than one page, press the Volume keys to scroll to a page one by one. You can move to the first or last page in the e-mail by pressing the * key or the # key respectively.

5. When you select an attached file, you can view or play the attached file in the e-mail.

Using the message options

Note: While you are retrieving e-mails from the e-mail server, some options are not available.

While viewing an e-mail message, press the **Options** soft key to access the following options:

Open file: opens the attached file.

Save file: allows you to save the attached file in your phone's memory.

Reply: allows you to send a reply to the sender or to all recipients including the sender of the e-mail.

Forward: allows you to send/resend the e-mail.

Delete: allows you to delete the e-mail. You can select to either delete it from your phone or from both the phone and the e-mail server.

Cut address: allows you to extract e-mail addresses, URLs, and phone numbers, so that you can save them in Phonebook or go to the URL.

Block address: allows you to add the sender's e-mail address to the **Block address** folder (**Menu 5.3.7**) so that you can reject messages from that e-mail address.

Move to my folder: allows you to move the e-mail to the **My folder** box (**Menu 5.3.5**).

Properties: shows you the properties of the e-mail, such as the subject, the time and date it was retrieved, sender's and recipient's e-mail addresses, message size, the number of attached files, its priority, and server address.

On the message list, press the **Options** soft key to access the following options:

View: opens the e-mail messages.

Reply: allows you to send a reply to the sender or to all recipients including the sender of the e-mail.

Forward: allows you to send/resend the e-mail.

Delete: allows you to delete the e-mail. You can select to either delete it from your phone or from both the phone and the e-mail server.

Delete all: allows you to delete all of the e-mail messages, but only from your phone.

Outbox *(Menu 5.3.3)*

When you select this menu, the list of the e-mail messages you have sent or tried to send displays, along with the subject and the recipient's e-mail address. The following icons on the left tell you the messages' status:

- : E-mail you haven't read.
- : E-mail with attachments you haven't read.
- : E-mail your phone couldn't send.
- : E-mail your phone successfully sent.

indicates that the e-mail is being sent.

Notes:
- When you have read the e-mail, the icon changes to an open envelope.
- A **!** icon next to a message means that the message is of high priority.

To view an e-mail:

1. Press the Up or Down key to scroll to an e-mail message.

2. Press the *i* key to read the message.

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

   If the e-mail has more than one page, press the Volume keys to scroll through pages one by one. You can move to the first or last page in the e-mail by pressing the * key or the # key respectively.

Using the message options

Note: While the phone is sending e-mails, some options are not available.

While reading a message press the **Options** soft key to access the following options:

Open file: opens the attached file. This option is only available when the e-mail has attachments.

Save file: allows you to save the attached file in your phone's memory. This option is only available when the e-mail has attachments.

Cancel: stops sending the e-mail. This option is only available when you select an e-mail currently being sent.

Send: allows you to send/resend the e-mail.

Edit: allows you to edit the e-mail.

Delete: allows you to delete the e-mail.

Move to my folder: allows you to move the e-mail to the **My folder** box (**Menu 5.3.5**).

Properties: shows you the properties of the e-mail, such as the subject, the time and date it was sent, sender's and recipient's e-mail addresses, message size, the number of attached files, its priority, and server address.

On the message list, press the **Options** soft key to access the following options:

View: opens the e-mail.

Send: allows you to send/resend the e-mail.

Cancel: stops sending the e-mail. This option is only available when you select an e-mail currently being sent.

Edit: allows you to edit the e-mail.

Delete: allows you to delete the e-mail.

Delete all: allows you to delete all e-mails stored in the Outbox.

Sort: allows you to change the sort order by size, subject, date, or sender's e-mail addresses.

Properties: shows you the properties of the e-mail, such as the subject, the time and date it was sent, sender's and recipient's e-mail addresses, message size, the number of attached files, its priority, and server address.

Draft *(Menu 5.3.4)*

After creating an e-mail, you can store it in this message box to be sent at a later time.

When you send an e-mail stored in this message box, the e-mail is deleted from this message box.

For further details about viewing a message, see "Outbox" on page 141.

My folder *(Menu 5.3.5)*

You can view the messages you have moved from the Inbox, Outbox, or Draft to this message box.

For further details about viewing a message, see “Outbox” on page 141.

Settings *(Menu 5.3.6)*

You can change the default setting options for using the Email feature.

Send settings

You can change the default settings for sending an e-mail. The following options are available:

Send copy to self: when this option is checked, your phone sends a copy of the outgoing e-mail to the e-mail address specified in your account as yours.

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

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

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

Include signature: when this option is checked, you can attach your name, phone number, a simple memo, or tag line as a signature to your e-mail messages.

Edit name: you can change the name in your signature.

Edit telephone number: you can change the phone number in your signature.

Edit note: you can save your signature.

Receiving settings

You can change the default settings for receiving an e-mail. The following options are available:

Check interval: you can select how often the phone checks the server for incoming messages.

If this option is set to **Not used**, you need to manually check the server by selecting **Check new mail** in the Inbox.

Read reply: if this option is set to **Announce**, the phone asks you to send a read-reply request along with your message to the sender.

If this option is set to **No**, the phone ignores read-reply requests.

If this option is set to **Yes to all**, the phone sends a read-reply request without asking to you.

Retrieve option: you can select whether or not the phone retrieves headers only or whole e-mails including the headers and bodies.

Delete option: when this option is set to **Immediately**, the phone deletes the e-mail from both the phone and the e-mail server.

When this option is set to **During next connection**, the phone deletes e-mails from both the phone and e-mail server the next time you connect to the e-mail server.

Reject if over: you can set the maximum message size for incoming messages. Your phone will reject messages which are over the specified size.

Email account

Note: When an e-mail is being sent or retrieved from the e-mail server, you are unable to change the e-mail account settings.

The following options are available:

Current account: you can check your current account and select one of the accounts.

Account setting: you can configure up to 5 e-mail accounts using different e-mail servers. The following options are available for each account:

Account name: enter a name for the selected account.

In use: select this option to use the selected account. You need to check this option to display this account in the Inbox.

User name: enter the name to be displayed in your outgoing messages as the sender's name.

Email address: enter your e-mail address.

SMTP server: enter the IP address or domain name of the server to be used for receiving messages. Your e-mail service provider can give you this information.

SMTP port: enter the SMTP port number.

Protocol type: specify an e-mail protocol type for the incoming server, either **POP3** or **IMAP4**. Contact your e-mail service provider for more information.

The remaining options depend on the protocol type setting.

When the protocol type is set to **POP3**:

POP3 server: enter the IP address or domain name of the server to be used for receiving messages. Your e-mail service provider can give you this information.

POP3 port: enter the POP3 port number.

APOP login: when this option is checked, you can connect to the server by using the APOP login scheme.

Security: set whether or not you protect your data by using SSL (Secure Socket Layer).

User ID: enter your e-mail ID.

Password: enter your e-mail password.

When the protocol type is set to **IMAP4**:

IMAP4 server: enter the IP address or domain name of the server to be used for sending messages.

IMAP4 port: enter the IMAP4 port number.

Security: set whether or not you protect your data by using SSL (Secure Socket Layer).

Retrieve headers: set the number of headers you will retrieve from the server.

Retrieve attachment: when this option is checked, you can receive attachments with e-mails from the server.

User ID: enter your e-mail ID.

Password: enter your e-mail password.

Email profile

You can configure various network settings that are required when you send or receive e-mails.

Note: When an e-mail is being sent or retrieved from the e-mail server, you are unable to change the e-mail profile settings.

The following options are available:

Current profile: allows you to select one of the profiles.

Profile setting: you can configure up to 5 e-mail profiles. For each profile, the following options are available:

Profile: enter the name that you wish to assign to the e-mail server.

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

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

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

DNS1: enter the primary address required to connect to the GPRS network.

DNS2: enter the secondary address required to connect to the GPRS network.

Block address *(Menu 5.3.7)*

Using this menu, you can set up a message filter by entering e-mail addresses so that the phone rejects message from those e-mail addresses.

1. Enter an e-mail address.
2. If you want to add more e-mail addresses, press the Down key.
3. If necessary, repeat step 1 and 2 to add more e-mail addresses.

   You can enter up to 10 e-mail addresses.
4. Press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

On the Filtering list screen, press the **Options** soft key to access the following options:

Save: allows you to save the e-mail address.

Phonebook: allows you to search for an e-mail address.

Delete: deletes the currently selected e-mail address.

Delete all: deletes all of the e-mail addresses stored in the filtering list.

Back: exits the current screen.

Delete all *(Menu 5.3.8)*

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

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

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

Note: When an e-mail is being sent or retrieved from the e-mail server, you are temporarily unable to select the Inbox or Outbox.

Push messages *(Menu 5.4)*

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

The following options are available:

Inbox: allows you to read the push messages you have received.

Setting: allows you to set whether or not your phone receives push messages. The following options are available:

Always: the phone receives push messages.

Never: the phone rejects push messages.

Optional: the phone receives push messages from the service centre set in this option. You can change the service centre number to be used when you receive new incoming push messages.

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

Voice mail *(Menu 5.5)*

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

The following options are available:

Connect to voice mail: before using the Voice Mail feature, you must enter the voice server number obtained from your service provider. You can then select this menu and press the **Select** 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: this menu allows you to change the voice mail server name or number, if necessary.

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

Text template *(Menu 5.6)*

Using this menu, you can preset a maximum of 10 messages that you use most frequently.

1. Select an empty location or the message template you want.
2. Press the *i* key.
3. Enter the message you want and press the *i* key.

   Alternatively, press the **Options** soft key, and select **Save**.

On the message template list, press the **Options** soft key to access the following options:

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

Send message: allows you to retrieve the message template for sending an SMS or MMS message. For further details about sending a message, see page 107 or page 116 respectively

Delete: allows you to delete the message template.

Broadcast messages *(Menu 5.7)*

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

- the phone is in Idle mode.
- the **Receive** option is set to **On**.
- the message channel is currently active on the channel list.

The following options are available:

Read: lets you view the received messages.

The **Temporary** 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 **Options** soft key and select **Save**.

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

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

All channels: allows you to enable or disable all channels.

Respective channels: shows you to channels stored on your SIM card. You can also save, delete, edit, and add channels. This option is only available when the All channels option is enabled.

Language: allows you to select the preferred languages in which to display the cell broadcast messages.

Please contact your service provider for further details.

Memory status *(Menu 5.8)*

In this menu, you can view the memory status for text, multimedia, e-mail, or push messages.

To access the following options, press the Left or Right key:

SMS: You can view the number of messages you have stored and the total number of messages you can store in the phone's memory and on the SIM card individually. You can also view the number of messages currently stored in each message box. Press the up or Down key to scroll through the screen.

MMS: You can check the total amount of memory for MMS messages and the amount of memory currently occupied by each message box. Press the Up or Down key to scroll through the screen.

Email: You can check the total amount of memory for e-mail messages and the amount of memory currently occupied by each message box. Press the Up or Down key to scroll through the screen.

Push message: You can view the number of messages you have stored and the total number of messages you can store.

Funbox

The **Funbox** menu stores photos you have taken, videos you have recorded, and voice memos you have recorded. You can also view images, videos, music files, and sounds downloaded from the Wireless Web or received in messages.

Images

In this menu, you can view the photos you have taken and images downloaded from a web server or received in messages.

Photos

You can view the photos you have taken using your phone.

Scroll to a photo and press the *i* key to view the photo.

Using photo options

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

Note: Available options vary depending on whether you are looking at the photo list or viewing a photo.

View: shows the photo.

List: shows the photo list.

Send: allows you to access the following sending options:

via MMS: allows you to send the photo to another person as part of a multimedia message. For further details, see page 116.

via Email: allows you to send the photo to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the photo to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the photo to another person via the infrared port. For further details, see page 217.

Move to my photos: allows you to move the photo to the **My photos** folder. See page 157.

Set as: allows you to set the photo as your wallpaper or as a caller ID image for an entry in Phonebook.

Edit: allows you to access the following options:

Emoticons: allows you to add an emoticon to the photo. After selecting an emoticon, you can move the emoticon by pressing the Navigation keys or the **2**, **4**, **6**, and **8** keys.

Frames: allows you to select a decorative frame.

Slide show: allows you to set all photos to automatically display as a slide show. You can select the time interval between photos.

Rename: allows you to change the photo name.

Delete: allows you to delete the photo.

Delete all: allows you to delete all of the photos.

Protection: protects the photo from being deleted.

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

My photos

You can view the photos you have moved from the Photos folder to this image box.

For further details about viewing an image or using the image options, see “Photos” on page 155.

Downloaded images

When you access this menu, a list of the images you have downloaded from the Wireless Web or received in messages.

The icons on the images list tell you the status of the files:

- : files that you can forward to other people.
- : files that you are unable to forward to other people.

For further details about viewing an image or using the image options, see “Photos” on page 155.

Videos

In this menu, you can view the videos you have recorded or downloaded from the Wireless Web or received in messages.

Video clips

You can view the videos you have recorded using your phone.

To play a video clip, scroll to the video clip you want and press the *i* key.

You can use the following options while playing a file:

- Scroll to a button and press the *i* key. The following buttons are available:

Buttons	Function
	plays or resumes.
	pauses.
	stops.
	skips backward through a file.
	skips forward through a file.
	sets the repeat mode.

- Press the Volume keys to adjust the volume.

Using video clip options

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

Note: Available options vary depending on whether you are looking at the video list or viewing a still image of a video clip.

Play: plays the video clip.

Send: allows you to access the following sending options:

via MMS: allows you to send the video clip to another person as part of an multimedia message. For further details, see page 116.

via Email: allows you to send the video clip to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the video clip to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the video clip to another person via the infrared port. For further details, see page 217.

Move to my video clips: allows you to move the video clip to the **My video clips** folder. See page 159.

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

Delete: allows you to delete the video clip.

Delete all: allows you to delete all of the video clips stored in the Video clips folder.

Protection: protects the video clip from being deleted.

Properties: shows you the properties of the video clip, such as the file name, the time and date it was recorded, file format, resolution, size, recording duration, quality, and protection status.

My video clips

You can view the video clips you have moved from the Video clips folder to this image box.

For further details about viewing a video clip or using the video options, see “Video clips” on page 157.

Downloaded video

When you access this menu, you can view a list of the video clips downloaded from the Wireless Web or recevied in messages.

The icons on the video list tell you the status of the files:

- : files that you can forward to other people.
- : files that you are unable to forward to other people.

For further details about viewing a video clip or using the video options, see “Video clips” on page 157.

Music

In this menu, you can view the list of music files downloaded from the Wireless Web, or imported from your computer to the phone through the EasyStudio programme.

Scroll to a file using the Up or Down key and press the *i* key.

You can use the following options while playing a file:

- Scroll to a function button and press the *i* key. The following buttons are available:

Buttons	Function
	plays or resumes.
	pauses.
	stops.

Buttons	Function
	returns to the previous file.
	skips to the next file.
/ /	changes the repeat mode.

- Press the Volume keys to adjust the volume.
- Press the **Options** soft key to access MP3 player options. For details, see below.
- Press the **Stop** soft key to stop.

Using music file options

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

Note: Available options vary depending on whether you are looking at the music file list, or at the MP3 player screen.

Play/**Pause**: begins/pauses the playing.

Send: allows you to access the following sending options:

via MMS: allows you to send the music file to another person as part of a multimedia message. For further details, see page 116.

via Email: allows you to send the music file to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the music file to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the music file to another person via the infrared port. For further details, see page 217.

Add play list: allows you to add the music file to the play list.

Open playlist: shows you the play list.

Set as: allows you to set the file as your ring tone or as a caller melody for an entry in Phonebook.

Rename: allows you to change the file name.

Delete: allows you to delete the music file.

Settings: allows you to change the default settings for playing MP3 files:

Repeat: allows you to select a repeat mode, **All**, **Off**, or **One**.

Shuffle: allows you to select a playing order, **Normal** or **Random**.

Volume: allows you to select a volume level.

Lock volume key: allows you to lock the Volume keys on the left side of the phone so that if the Volume keys are pressed accidentally, no change in volume will occur.

Delete all: allows you to delete all music files.

Protection: protects the music file from being deleted.

Properties: shows you information about the music file.

Sounds

In this menu, you can view the sound files you have recorded or downloaded from a web server, or received in multimedia messages.

Voice list

You can view the list of the voice memos you have recorded.

Scroll to a voice memo and press the *i* key to play the voice memo.

You can pause playing by selecting and resume by selecting . You can also adjust the volume by pressing the Volume keys. To stop, select or press the **Stop** soft key.

Using voice memo options

On the voice memo list, press the **Options** soft key to access the following options:

Play: plays the voice memo.

Send: allows you to access the following sending options:

via MMS: allows you to send the voice memo to another person as part of a multimedia message. For further details, see page 116.

via Email: allows you to send the voice memo to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the voice memo to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the voice memo to another person via the infrared port. For further details, see page 217.

Rename: allows you to change the name of the voice memo.

Delete: allows you to delete the voice memo.

Delete all: allows you to delete all of the voice memos.

Protection: protects the voice memo from being deleted.

Properties: shows you the properties of the voice memo, such as the memo name, the time and date it was recorded, file format, recording duration, size, and protection status.

Downloaded sounds

You can view the list of sounds you have downloaded from the Wireless Web or received in messages.

The icons on the sounds list tell you the status of the files:

- : files that you can forward to other people.
- : files that you are unable to forward to other people.

Scroll to a sound file and press the *i* to listen to the sound. To adjust the volume, press the Volume keys.

Using sound file options

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

Note: Available options vary depending on whether you are looking at the sound list or playing a sound.

Play: plays the sound.

List: shows the sound list.

Send: allows you to access the following sending options:

via MMS: allows you to send the sound to another person as part of a multimedia message. For further details, see page page 116.

via Email: allows you to send the sound to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the sound to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the sound to another person via the infrared port. For further details, see page 217.

Set as: allows you to set the sound as your ring tone or as a caller melody for an entry in Phonebook.

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

Delete: allows you to delete the sound.

Delete all: allows you to delete all sounds.

Protection: protects the sound from being deleted.

Properties: shows you information about the sound.

Memory status

You can check the total amount of memory for media items and the amount of memory currently occupied by each media box.

Organiser

The Organiser feature enables you to:

- keep track of your schedule and tasks.
- view missed alarm events.
- make a memo.
- check memory amounts for scheduled items.

Month view *(Menu 7.1)*

With the Month View feature, you can:

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

Consulting the calendar

When you select the **Month view** menu (**Menu 7.1**), the calendar displays with today's date indicated by red box. At the bottom of the calendar, the number of events scheduled for that day displays. The following icons tell you what kind of events they are:

- : schedule events
- : anniversaries
- : tasks
- : miscellaneous events

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

View: displays the stored memo(s) for that date.

Create: allows you to add a new event, anniversary, miscellaneous event, or task.

Week view: switches to the week view screen.

Go to today: allows you to go to the current date.

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

Delete: allows you to access the following deleting options:

Selected date: allows you to delete items stored on the currently selected date.

Preceding events: allows you to delete the items you have made for the days before the currently selected date.

Delete all: allows you to delete all scheduled events.

Scheduling a new event

You can schedule up to 400 events for the calendar. More than one event per day can be scheduled.

Entering a new schedule event

1. After selecting a day on the calendar, press the *i* key.
2. Press the **Options** soft key and select **Create**.
3. Select **Schedule** or **Miscellaneous** and press the **Select** soft key.
4. Scroll through the entry fields by pressing the Up or Down key. Enter the information you want or select the settings you want.
   - **Subject**: enter the title of the event. See page 36 for more information about entering characters.

- **Details**: enter the event details.
- **Start date**: enter the starting date.
- **Start time**: enter the starting time of the event.
- **AM/PM**: select **AM** or **PM**. This option is only available when the time format is set to **12-hour**.
- **End date**: enter the ending date of the event.
- **End time**: enter the ending time.
- **AM/PM**: select **AM** or **PM**. This option is only available when the time format is set to **12-hour**.
- **Location**: enter information about the event location. This option is only available for **Schedule**.
- **Alarm**: press the *i* key to set an alarm to remind you of the event.
- **before**: set when the alarm will alert you before the event starts; enter the number you want and select a unit, **min.**, **hour**, **day**, or **week**, using the Left or Right key.
- **Alarm tone**: select an alarm tone.
- **Repeat**: if you are making a recurring event, press the *i* key. Select the repeat unit, **every day**, **every week**, or **every month**. This option is only available for **Schedule**.
- **Until**: set the ending date for the repeat entry. This option is only available for **Schedule**.

5. When you finish entering the event, press the **Save** soft key.

Entering a new anniversary

1. After selecting a day on the calendar, press the *i* key.

2. Press the **Options** soft key and select **Create**.

3. Select **Anniversary** and press the **Select** soft key.

4. Scroll through the entry fields by pressing the Up or Down key. Enter the information you want or select the settings you want.

   - **Occasion**: enter information about the occasion. See page 36 for more information about entering characters.
   - **Date**: enter the date.
   - **Alarm**: press the *i* key to set an alarm to remind you of the event
   - **before**: set when the alarm will alert you before the day arrives; enter the number you want and select a unit, **day** or **week**, using the Left and Right keys.
   - **Alarm time**: enter the time when the alarm sounds.
   - **AM/PM**: select **AM** or **PM**. This option is only available when the time format is set to **12-hour**.
   - **Alarm tone**: select an alarm tone.
   - **Repeat every year**: press the *i* key to remind you every year.

5. When you finish entering the anniversary, press the **Save** soft key.

Entering a task

1. After selecting a day on the calendar, press the *i* key.
2. Press the **Options** soft key and select **Create**.
3. Select **To do** and press the **Select** soft key.
4. Scroll through the entry fields by pressing the Up or Down key. Enter the information you want or select the settings you want.
   - **To do**: enter information about the task.
   - **Start date**: enter the starting date.
   - **Due date**: enter the ending date.
   - **Priority**: select a priority level, **High**, **Normal**, or **Low**.
5. When you finish entering the task, press the **Save** soft key.

Viewing an event

Square brackets on each corner of a calendar day indicate the type of events scheduled for that day:

- Blue: schedule
- Orange: anniversary
- Green: miscellaneous event
- Red: task

When you select a day for which an event already exists on the calendar, a list of the events you have created displays. Scroll to an event and press the *i* key. For further details about viewing an event, see page 172.

Week view *(Menu 7.2)*

In this menu, the calendar entries for the selected week are shown in seven day boxes. Today's day of the week is marked in red. On the week view screen, blue boxes means that schedule events are stored and green boxes means that miscellaneous events are stored.

To view an item, scroll to the cell that contains the item and press the *i* key.

For further details about using options, see "Month view" on page 167.

Day view *(Menu 7.3)*

This menu allows you to schedule new events for the current day. Events scheduled for future dates automatically appear on your Day's event display for that particular day.

The following icons tell you what kind of events they are:

- : schedule events
- : anniversaries
- : tasks
- : miscellaneous events

If more than one event is stored, scroll to an event using the Up or Down key and press the *i* key to view the event.

On the Day's event screen, press the **Options** soft key to access the following options:

View: shows the selected event.

Send: allows you to access the following sending options:

via SMS: allows you to send the event to other people as part of a text message. For details, see page 107.

via MMS: allows you to send the event to other people as part of an MMS message. For details, see page 116.

via Email: allows you to send the event to other people as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the event to other people via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the event to other people via the infrared port. For further details, see page 217.

Create: allows you to add a new event, anniversary, miscellaneous event, or task.

Month view: switches to the calendar screen.

Week view: switches to the week view screen.

Done/**Undone**: allows you to change the status of the event.

Delete: allows you to delete the selected event.

Delete all: allows you to delete all of the events stored on that date.

Schedule *(Menu 7.4)*

In this menu, you can view a list of the schedule events. If you have set the Repeat and Alarm options, the and icons are activated.

Scroll to an event and press the *i* key to view the schedule event. To scroll through the screen, press the Up or down key.

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

View: shows the selected event.

Edit: allows you to edit the event. This option is available when you are viewing an event.

Send: allows you to access the following sending options:

via SMS: allows you to send the event to another person as part of an SMS message. For further details, see page 107.

via MMS: allows you to send the event to another person as part of a multimedia message. For further details, see page 116.

via Email: allows you to send the event to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the event to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the event to another person via the infrared port. For further details, see page 217.

Create: allows you to create a new event. For further details about creating a new event, see page 168.

Month view: switches to the calendar screen.

Week view: switches to the week view screen.

Delete: allows you to delete the selected event.

Delete all: allows you to delete all events.

Anniversary *(Menu 7.5)*

In this menu, you can view a list of anniversaries you have created. If you have set the Repeat an Alarm options, the and icons are activated.

Scroll to an event and press the *i* key to view the anniversary. To scroll through the screen, press the Up or down key.

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

View: shows the selected anniversary.

Edit: allows you to edit the anniversary. This option is available when you are viewing an anniversary.

Send: allows you to access the following sending options:

via SMS: allows you to send the anniversary to another person as part of an SMS message. For further details, see page 107.

via MMS: allows you to send the anniversary to another person as part of an MMS message. For further details, see page 116.

via Email: allows you to send the anniversary to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the anniversary to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the anniversary to another person via the infrared port. For further details, see page 217.

Create: allows you to create a new anniversary. For further details about creating a new anniversary, see page 170.

Month view: switches to the calendar screen.

Week view: switches to the week view screen.

Delete: allows you to delete the selected anniversary.

Delete all: allows you to delete all anniversaries.

Miscellaneous *(Menu 7.6)*

In this menu, you can view a list of miscellaneous events you have created. If you have set the Alarm option, the icon is activated.

Scroll to a miscellaneous event and press the *i* key to view the miscellaneous event. To scroll through the screen contents, press the Up or down key.

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

View: shows the miscellaneous event.

Edit: allows you to edit the miscellaneous event. This option is only available when you are viewing an miscellaneous event.

Send: allows you to access the following sending options:

via SMS: allows you to send miscellaneous event to another person as part of an SMS message. For further details, see page 107.

via MMS: allows you to send the miscellaneous event to another person as part of an MMS message. For further details, see page 116.

via Email: allows you to send the miscellaneous event to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the miscellaneous event to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the miscellaneous event to another person via the infrared port. For further details, see page 217.

Create: allows you to create a new miscellaneous event. For further details about creating a new miscellaneous event, see page 168.

Month view: switches to the calendar screen.

Week view: switches to the week view screen.

Delete: deletes the selected miscellaneous event.

Delete all: allows you to delete all miscellaneous events.

To do *(Menu 7.7)*

When you select the **To do** menu, a list of tasks you have created displays with the status mark, **!**, in red for High, blue for Normal, and grey for Low, and the status check box. If the task has been completed, a check mark appears in this box.

Scroll to a task and press the *i* key to view the task. To scroll through the screen, press the Up or Down key.

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

View: shows the selected task.

Edit: allows you to edit the task. This option is only available when you are viewing a task.

Send: allows you to access the following sending options:

via SMS: allows you to send the task to another person as part of an SMS message. For further details, see page 107.

via MMS: allows you to send the task to another person as part of an MMS message. For further details, see page 116.

via Email: allows you to send the task to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the task to another person via the Bluetooth feature. For further details, see page 170.

via infrared: allows you to send the task to another person via the infrared port. For further details, see page 217

Create: allows you to create a new task. For further details about creating a new task, see page 171.

Month view: switches to the calendar screen.

Week view: switches to the week view screen.

Done/Undone: changes the status of the task.

Delete: deletes the task.

Delete all: allows you to delete all tasks.

Missed alarm event *(Menu 7.8)*

When you are unable to acknowledge an alarm for an event you have set, the phone displays a notification about the missed alarm. When a notification appears, press the **View** soft key to view the corresponding event. Otherwise, press the **Exit** soft key.

When you access this menu, you can view a list of missed alarm events.

To view a missed alarm event:

1. Scroll to an event and press the *i* key.
2. Press the Up or Down key to scroll through the screen.
3. Press the **Confirm** soft key.

   After pressing the **Confirm** soft key, the event is deleted from the missed alarm event list.

On the event list, press the **options** soft key to access the following options:

View: shows you the event.

Delete: allows you to delete the event.

Delete all: allows you to delete all events.

Memo *(Menu 7.9)*

In this menu, you can create memos and view the memos you have stored.

Creating a new memo

1. Press the *i* key.

   Alternatively, press the **Options** soft key and select **Create**.

2. Enter the memo.

   For further details about how to enter characters, see page 36.

   While entering text, press the **Options** soft key to access the following options:

   - **Save**: allows you to save the memo.
   - **Language select**: allows you to change the language to be used in T9 input mode. Select the language to be used.
   - **Back**: returns you to the Memo screen.

3. Press the *i* key.

   Alternatively, press the **Options** soft key and select **Save**.

Viewing a memo

Scroll to a memo and press the *i* key to view the memo.

On the memo list, press the **Options** soft key to access the following options:

Edit: allows you to edit the memo.

Create: allows you to add a new memo.

Delete: deletes the selected memo.

Delete all: allows you to delete all memos.

Memory status *(Menu 7.10)*

You can check the total amount of memory for the calendar, the number of events you have created and the total number of events you can store. You can view how many events are currently stored in each type. Press the Up or Down key to scroll through the screen. If your organiser memory is full, you can select an event type to open it immediately from this menu and then delete some events to free up memory.

Camera

Using the camera module embedded in your phone, you can take photos of people or events while on the move. You can also send photos to other people using various sending options, or set one as wallpaper or as a caller ID image for an entry in Phonebook.

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

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 another person's privacy.

Take a photo *(Menu 8.1)*

The camera produces JPEG photos.

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

Taking a photo

1. If the phone is closed, open the phone.

2. Access the **Take a photo** menu, or you can also press and hold the Camera key ( ) on the right side of the phone in Idle mode.

   The image to be captured appears on the display.

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

   When you press the left soft key, you can use the camera options. For details, see page 185.

   You can change the image settings or switch to other modes by using the keypad. For details, see page 183.

4. Press the *i* key or the Camera key to take the photo.

   The photo automatically saves in the **Photos** folder (**Menu 8.3**).

   Note: Hold the phone still for 1 or 2 seconds after pressing the camera shutter key. It may take some time to process the image data.

5.

To	Press the
use photo options	**Options** soft key. For further details, see page 187.
delete the photo	**Delete** soft key.
return to Capture mode	**C** key or the *i* key.

Using the keypad in Capture mode

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

Key	Function
⮝	flips the image vertically.
⮟	shows the mirror image.

Key	Function
Left/ Right	adjusts the brightness of the image.
Up/ Down	zooms in or out.
1	switches to Record mode. See page 188.
2	changes the image size.
3	changes the image quality.
4	changes the camera mode.
5	changes the colour tone or applies a special effect to the photo.
6	reduces the distortion on the image to maximise detail and sharpness.
7	selects a decorative frame.
8	sets the timer.
9	allows you to view the photos stored in the **photos** (**Menu 8.3**) or **My photos** folder (**Menu 8.4**)
0	turns the flash on or off.
*	shows the real image size to be captured.

Using camera options in Capture mode

In Capture mode, you can access various options by pressing the left soft key.

The following options are available:

Shooting mode: allows you to take a photo in various modes. Once you change the mode, its indicator appears at the top left.

Single shot: allows you to take a photo in the normal mode.

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

Note: Depending on the specified image size, the shutter speed for series shots may vary. The larger the image, the slower the shutter speed.

Mosaic shot: allows you to take several stills and save them in one frame. Select the number of still images the camera will take. The images will be saved in one frame, consisting of the multiple stills taken.

Night shot: allows you to take a photo of the best quality when it is dark.

Automatic save: returns you to the preview screen automatically after taking a photo.

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

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

Timer: allows you to set a time delay before the camera takes a photo. Select the length of delay you want.

Photo album: allows you to view the photos stored in the **Photos** (**Menu 8.3**) or **My photos** folder (**Menu 8.4**).

Settings: allows you to change the default settings for taking a photo.

Size: allows you to select the image size.

Quality: allows you to select the image quality.

Shutter sound: allows you to select the sound that you hear when you press the shutter, the Camera key, or the *i* key.

Spot focus: allows you to adjust the exposure of an image based on a specific area of the image. When you select **On**, the spot focus frame appears in the middle of the image. Change the exposure according to the brightness of the image in the frame.

ISO: allows you to change the ISO setting, which controls the sensitivity of your camera. For low light situations, such as night scenes, indoors, or in dark shade, when using the flash is undesirable, lower the ISO number to increase the image quality.

The higher the ISO number, the faster the camera shutter functions and the more sensitive the camera is to light. Note that higher ISO settings may bring some distortion to an image. When you select **Auto**, the phone is set to the ISO 100 standard, ideal for normal daylight conditions.

Default name: allows you to change the default prefix of the photo name.

Flash: allows you to turn on or off the flash.

Camera short cuts: shows you the functions of the keys you can use.

Using photo options

After saving a photo, press the **Options** soft key to access the following options:

Take another: returns to Capture mode.

Send: allows you to access the following sending options:

via MMS: allows you to send the photo to other people as part of an MMS message. For further details, see page 116.

via Email: allows you to send the photo to other people as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the photo to other people via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the photo to another person via the infrared port. For further details, see page 217.

Set as: allows you to set the photo as your wallpaper or as a caller ID image for an entry in Phonebook.

Go to photo album: allows you to view the photos stored in the **Photos** (**Menu 8.3**) or **My photos** folder (**Menu 8.4**).

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

Protection: protects the photo from being deleted.

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

Record video *(Menu 8.2)*

You can record a video of what is currently displayed on the camera screen and save it as a .3gp file.

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

   When you press the **Options** soft key, you can use the Camera options. For details, see page 189.

   You can change the image settings or switch to other modes by using the keypad. For details, see page 189.

2. Press the *i* key to start recording.

3. When you are finished, press the **Stop** soft key or the *i* key. Or, recording stops when the recording time expires.

   The video automatically saves in the **Video clips** folder (**Menu 8.5**).

4.

To	Press the
play back the video clip	*i* key. For details, see page 194.
use the video options	**Options** soft key. For further details, see page 191.
delete the video clip	**Delete** soft key.
return to Record mode	**C** key.

Using the keypad in Record mode

You can use the keypad to customise your camera settings when you are in Record mode:

Key	Function
⮝	flips the image vertically.
⮟	shows the mirror image.
Up/ Down	zooms in or out.
Left/ Right	adjusts the brightness of the image.
1	switches to Capture mode. See page 182.
2	changes the frame size.
3	changes the image quality.
4	switches to between Limit for MMS mode and Normal mode.

Key	Function
5	changes the colour tone or applies a special effect to the video.
6	reduces the distortion on the image to maximise detail and sharpness.
7	mutes or unmutes the audio.
8	sets the timer.
9	allows you to view the video clips stored in the **Video clips** (**Menu 8.5**) or **My video clips** (**Menu 8.6**) folder.
0	turns the flash on or off.

Using camera options in Record mode

When you press the **Options** soft key in Record mode, you can access the following options for recording a video:

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

Timer: allows you to set a time delay before the camera starts recording the video. Select the length of delay you want.

Go to video album: allows you to view the video clips stored in the **Video clips** (**Menu 8.5**) or **My video clips** folder (**Menu 8.6**).

Settings: allows you to change the default settings for recording a video.

Recording mode: allows you to select a video recording mode.

When this option is set to **Limit for MMS**, you can record a video for adding to an MMS message.

When this option is set to **Normal**, you can record a video within the limit of the current available memory. How long your video can be depends on how much memory has been used.

Size: allows you to select the image size.

Quality: allows you to select the image quality.

Audio rec.: allows you to record audio with a video clip.

Default name: allows you to change the default prefix of the video name.

Flash: allows you to turn the flash on or off.

Camcoder short cuts: shows you the functions of the keys you can use.

Using video options

When you press the **Options** soft key after saving a video clip, the following options are available:

Record another: returns to Record mode.

Send: allows you to access the following sending options:

via MMS: allows you to send the video clip to another person as part of a multimedia message. For further details, see page 116.

via Email: allows you to send the video clip to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the video clip to another person using the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the video clip to another person via the infrared port. For further details, see page 217.

Go to video album: allows you to move to the **Video clips** (**Menu 8.5**) or **My video clips** folder (**Menu 8.6**).

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

Protection: protects the video clip from being deleted.

Properties: shows you the properties of the video clip, such as the file name the time and date it was recorded, file format, resolution, size, recording duration, quality, and protection status.

Photos *(Menu 8.3)*

You can view the photos you have taken. When you access this menu, a list of photos you have taken displays.

Scroll through the list using the Up or Down key. To view the selected photo, press the *i* key. To go back to the photo list, press the *i* key, the **Back** soft key, or the **C** key.

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

Note: Available options vary depending on whether you are looking at the photo list or viewing a photo.

View: shows the photo.

List: returns you to the photo list.

Send: allows to access the following sending options:

via MMS: allows you to send the photo to another person as part of a multimedia message. For further details, see page 116.

via Email: allows you to send the photo to another person as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the photo to another person via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the photo to another person via the infrared port. For further details, see page 217.

Move to my photos: allows you to move the photo to the **My photos** folder (**Menu 8.4**).

Set as: allows you to set the photo as your wallpaper or as a caller ID image for an entry in Phonebook.

Edit: allows you to access the following options:

Emoticons: allows you to add an emoticon to the photo. After selecting an emoticon, you can move the emoticon by pressing the Navigation keys or the **2**, **4**, **6** and **8** keys.

Frames: allows you to select a decorative frame.

Slide show: set all photos to automatically display one after another as a slide show. You can select a time interval between photos.

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

Delete: allows you to delete the photo.

Delete all: allows you to delete all photos.

Protection: protects the photo from being deleted.

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

My photos *(Menu 8.4)*

In this menu, you can view the photos you have moved from the Photos folder to this image box.

For further details about viewing a photo or using the photo options, see “Photos” on page 192.

Video clips *(Menu 8.5)*

When you access this menu, a list of the videos you have recorded displays.

To play a video clip:

1. Scroll to a video using the Up or Down key and press the *i* key.

   The selected video clip plays.

2. You can access the following options while playing a video clip:

- Scroll to a function button on the screen and press the *i* key. The following buttons are available:

Buttons	Function
	pauses.
	resumes.
	stops.
	skips backward through a file.
	skips forward through a file.
	repeats the playing.

- Press the Volume keys to adjust the volume.

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

Play: plays the video clip.

Send: allows you to access the following sending options:

via MMS: allows you to send the video clip to other people as part of an MMS message. For further details, see page 116.

via Email: allows you to send the video clip to other people as part of an e-mail. For further details, see page 133.

via Bluetooth: allows you to send the video clip to other people via the Bluetooth feature. For further details, see page 216.

via infrared: allows you to send the video clip to other people via the infrared port. For further details, see page 217.

Move to my video clips: allows you to move the video clip to the **My video clips** folder (**Menu 8.6**).

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

Delete: allows you to delete the video clip.

Delete all: allows you to delete all of the video clips. This option appears on the video clip list.

Protection: protects the video clip from being deleted.

Properties: shows you the properties of the video clip, such as the file name, the time and date it was recorded, file format, resolution, size, recording duration, quality, and protection status.

My video clips *(Menu 8.6)*

In this menu, you can view the video clips you have moved from the Video clips folder to this image box.

For further details about viewing a video clip or using the video options, see “Video clips” on page 194.

Settings

In this menu, you can customise your phone's various settings, such as:

- time and date
- phone settings
- display settings
- sound settings
- network services
- connectivity settings
- security settings

You can also reset the settings to their default values.

Time & Date *(Menu 9.1)*

This menu allows you to change the current time and date displayed.

The following options are available:

Set time: allows you to enter the current time using the number keys.

Note: Before setting the time, you must specify your time zone in the **World time** menu (**Menu 3.4**).

AM/PM: allows you to select **AM** or **PM**. This option is only available when the **Time format** is set to **12 hours**.

Time format: allows you to select a time format, **12 hours** or **24 hours**.

Set date: allows you to enter the current date using the number keys.

Date format: allows you to select a date format.

Phone settings *(Menu 9.2)*

Many different features of your phone can be customised to suit your preferences.

Language *(Menu 9.2.1)*

You can select a language for the display text. Select one of several languages.

Greeting message *(Menu 9.2.2)*

This menu allows you to set a greeting to be displayed briefly when the phone is switched on.

1. If necessary, clear the default greeting message using the **C** key.
2. Enter the greeting message you want.

   For further details about how to enter characters, see page 36.
3. Press the *i* key to save.

On the Enter greeting screen, press the **Options** soft key to access the following options:

Save: allows you to save your greeting message.

Language select: allows you change the language to be used for the message.

Cancel: allows you to exit the current screen.

Slide settings *(Menu 9.2.3)*

In this menu, you can set how the phone reacts when you open it for an incoming call, and when you close it while using a function.

The following options are available:

Up: selects whether or not you answer a call simply by opening the phone.

Down: selects whether or not the phone maintains the menu or functions you are currently using when you close the phone.

Note: While you are using a headset, the call is not ended by closing the phone even though the **Down** option of the menu is set to **Stop operation**.

Short cut *(Menu 9.2.4)*

The Navigation keys can be used as shortcut keys. In Idle mode, they allow you to access specific menus directly.

To assign a shortcut to a key:

1. Select the key to be used as a shortcut key by pressing the Navigation keys and press the *i* key.
2. Select the menu to be assigned by pressing the Up or Down key.
3. Press the **Save** soft key.

On the Short cut screen, press the **Options** soft key to access the following options:

Change: allows you to change a shortcut menu.

Remove: deactivates the shortcut key assignment to the selected key.

Remove all: deactivates all of the shortcut assignments.

Extra settings *(Menu 9.2.5)*

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

The following options are available:

Auto redial: when this option is set to **On**, the phone makes up to 10 attempts to redial a phone number after an unsuccessful call.

Note: The interval between attempts varies.

Anykey answer: when this option is set to **On**, you can answer an incoming call by pressing any key, except the key or the **Reject** soft key. To reject the call, press the key or the **Reject** soft key.

When this option is set to **Off**, you must press the key or the **Accept** soft key to answer a call.

Voice clarity: when this option is set to **On**, the microphone's sensitivity increases to allow the person on the phone to hear your voice even though you may be whispering during the call.

Display settings *(Menu 9.3)*

In this menu, you can change various settings for the display or the backlight.

Wallpaper *(Menu 9.3.1)*

This menu allows you to change the background image to be displayed in Idle mode.

To change the background image:

1. Select an image category and press the **Select** soft key.

   The following options are available:

   - **Default wallpapers**: allows you to select various preset images.
   - **Photos**: allows you to select one of the photos you have taken.
   - **My photos**: allows you to select one of the photos stored in the **My photos** folder (**Menu 8.4**).
   - **Downloaded images**: allows you to select one of the images downloaded from the Wireless Web.

2. Scroll to an image.

   If you selected **Default wallpapers** in step 1, skip to step 4.

3. Press the *i* key to view the image.

   Alternatively, press the **Options** soft key to access the following options:

   - **View**: shows you the image.
   - **Save**: sets the image as your wallpaper.

4. When the image displays, press the **Save** soft key to display it on the idle screen.

Text display *(Menu 9.3.2)*

In this menu, you can change the display settings for the text displayed on the idle screen.

The following options are available:

Text position: allows you to select a text position. If you don't want text to display in Idle mode, select **Off**.

Text style: allows to select a text style.

Text colour: allows you to select the colour of the text.

Skin *(Menu 9.3.3)*

In this menu, you can select a skin colour pattern for Menu mode. Select one of the 4 patterns.

LCD brightness *(Menu 9.3.4)*

You can adjust the brightness of the display to see it better in different lighting conditions.

Press the Left or Right key or the Volume keys to adjust the brightness.

Backlight *(Menu 9.3.5)*

In this menu, you can select the length of time the backlight is on and the phone is in Dimming mode.

The following options are available:

On: allows you to select the length of time the backlight is on.

The backlight turns on when you press a key, open the phone, or receive a call or message, and remains on for the specified length of time.

Dim: allows you to select the length of time the phone is in Dimming mode. After the backlight is off, the phone's display dims. The analogue clock displays after a specified time.

Sound settings *(Menu 9.4)*

You can customise various sound settings.

Note: If the phone is in Quiet mode (see page 32), a confirmation message appears. Press the **Yes** soft key to listen to a sound when you change a sound setting. Otherwise press the **No** soft key.

Incoming call *(Menu 9.4.1)*

In this menu, you can select a volume level and alert type for incoming calls. The following options are available:

Ring tone: allows you to select a ring melody. Select one of the default melodies, or downloaded sounds and music files.

Volume: allows you to select a ringer volume.

Alert type: allows you to specify how you are to be informed of incoming calls.

Melody: the phone rings using the selected ring tone.

Vibration: the phone vibrates but does not ring.

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

Keypad tone *(Menu 9.4.2)*

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

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

Message tone *(Menu 9.4.3)*

This menu allows you to set up the ringer for incoming messages, text messages, multimedia messages, and e-mails.

For each message, the following options are available:

Tone: allows you to use one of several message tones.

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

Melody: the phone rings using the tone selected under the **Tone** option.

Vibration: the phone vibrates.

Vibration then melody: the phone first vibrates 6 times and then starts ringing.

Silence: the phone neither rings nor vibrates.

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

Every 1 min.: the phone alerts you to a new message every 1 minute until you open the message.

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

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

Power on/off *(Menu 9.4.4)*

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

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

Slide tone *(Menu 9.4.5)*

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

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

Quiet mode *(Menu 9.4.6)*

In this menu, you can select an alert type for incoming calls or messages when the phone is in Quiet mode.

The following options are available:

Vibration: the phone vibrates in Quiet mode.

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

Extra tones *(Menu 9.4.7)*

You can customise additional tones for the phone.

To turn on an alert:

1. Select an alert using the Up or Down key.

   The following options are available:

   - **Minute minder**: when this alert is checked, the phone beeps every minute during an outgoing call to keep you informed of the length of your call.
   - **Connection tone**: when this alert is checked, your phone beeps when your call is connected to the system.
   - **Alerts on call**: when this alert is checked, the phone informs you when you receive a new message or when the time for an alarm comes during a call.
   - **Indicative tones**: when this alert is checked, the phone beeps when a pop-up window displays.

2. Press the *i* key to place a check mark in front of the alert you want to activate.

   To remove a check mark, press the *i* key again.

3. To select more alerts, repeat steps 1 and 2.

4. When you are finished, press the **Save** soft key.

Network services *(Menu 9.5)*

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

Call diverting *(Menu 9.5.1)*

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

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

To set your call diverting options:

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

   The following options are available:

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

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

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

3.

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

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

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

5. If you selected **No reply** in step 1, select the length of time the network waits before diverting a call.

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

Call barring *(Menu 9.5.2)*

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

To set your call barring options:

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

   The following options are available:

   - **All outgoing**: calls cannot be made.
   - **International**: international calls cannot be made.

- **International except to home**: when abroad, calls can be made only to numbers within the current country and to your home country, which is the country where your home network provider is located.
- **All incoming**: calls cannot be received.
- **Incoming while abroad**: calls cannot be received when you are using your phone outside of your home 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.

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

3. Press the **Activate** soft key to confirm your settings.

4. Enter the 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 the call barring password supplied by your service provider.

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

Call waiting *(Menu 9.5.3)*

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

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

To set your call waiting options:

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

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

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

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

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

Network selection *(Menu 9.5.4)*

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

Note: You can select a network other than your home network only if there is a valid roaming agreement between the two.

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

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

   The phone will scan for that network and you will be connected.

Caller ID *(Menu 9.5.5)*

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

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

The following options are available:

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

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

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

Band selection *(Menu 9.5.6)*

For the phone to make and receive phone calls, it must register with an available network. Your phone can handle any of the following types of networks:

- GSM 1900
- Combined GSM 900/1800
- GSM 900/1800/1900

The country where you purchased your phone determines the default band that it uses. When you travel abroad, you must remember to change to an appropriate band.

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

2. When the display confirms the network band you selected, press the **Yes** soft key.

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

When you select a new band, your phone automatically searches for all available networks. Your phone registers with a preferred network within the band.

Active line *(Menu 9.5.7)*

some SIM cards may used with 2 subscriber numbers. This function is available only if your SIM card supports it. This menu allows you to select the line to be used to make calls. However, calls can be answered on both lines, regardless of the selected line.

Connectivity *(Menu 9.6)*

In this menu, you can use the IrDA port or the Bluetooth feature for connecting to other devices wirelessly.

Bluetooth *(Menu 9.6.1)*

Bluetooth technology enables cost-free wireless connections between electronic devices within a maximum range of 10 meters. A Bluetooth connection can be used to send photos, images, videos, messages, scheduled items, and to connect wirelessly to devices using Bluetooth technology, such as computers.

Since Bluetooth devices communicate using radio waves, your phone and the other Bluetooth device do not need to be in line of sight to each other.

The 2 devices only need to be within a maximum of 10 meters of each other, although the connection can be subjected to interference from obstructions, such as walls or other electronic devices. In some countries, there may be restrictions on using Bluetooth devices. Please contact your service provider.

Setting up the Bluetooth feature

When you access this menu, you can access the following options:

Activation: allows you to activate the Bluetooth feature. When this option is set to **On**, the Bluetooth icon ( ) appears.

My devices: allows you to search for connectable Bluetooth devices. For details, see below.

My phone's visibility: allows you to set whether or not your phone is available to other Bluetooth devices.

My phone's name: allows you to change your phone's Bluetooth device name, which is displayed on other devices. You can enter up to 32 characters.

Secure mode: allows you to select whether or not the phone asks for your confirmation when other devices access your data.

Bluetooth services: shows a list of the Bluetooth services you can use.

Searching for and pairing a Bluetooth device

1. Select **My devices** from the Bluetooth setting options and press the **Select** soft key.

2. Press the **Select** soft key when **Search new device** highlights.

   If you have searched for devices before, the phone displays the **More devices** option along with the devices you have searched for previously. To search for new devices, select the **More devices** option and press the **Select** soft key.

   If you want to stop searching, press the **Stop** soft key.

3. Scroll to a device and press the **Select** soft key to connect to the paired device.

   After searching for connectable devices, a list of devices you can connect to displays. The icon on the left of the device tells you the kind of device:

   - for a handsfree or headset
   - for a mobile phone

- for a computer
- for a PDA
- for an unknown device

Note: The colour of the icon tells you the status of the device; grey for unpaired devices, blue for paired devices, and red for devices that are currently connected to your phone.

4. Enter the PIN code and press the **OK** soft key.

Using device options

When you press the **Options** soft key on the device list, you can access the following options:

Connect: allows you to connect to the selected device. You first need to enter your PIN (see page 229) and then press the **OK** soft key. This option is only available for headsets or handsfree devices.

Browse files: allows you to search for data from other devices and take data directly to your phone.

Rename: allows you to change the name of the paired device.

Authorise device/**Unauthorise device**: allows you to set whether or not the phone asks you to permit connection when other devices try to connect to your phone.

Delete: allows you to delete the device.

Delete all: allows you to delete all of the devices.

Sending data via Bluetooth

1. Make sure that the Buletooth feature is active.

2. Select the application in which the item you want to send is stored.

   For example: To send a photo to another device, access the **Photos** menu (**Menu 8.3**).

3. Scroll to the item you want to send and press the **Options** soft key.

4. Select **Send** and choose **via Bluetooth**.

   The phone searches for connectable devices within range, when there is no paired devices. After searching, a list of available devices displays.

5. Scroll to a device and press the **Select** soft key.

6. If necessary, enter your PIN and press the **OK** soft key.

   The data will be sent to that device.

Receiving data via Bluetooth

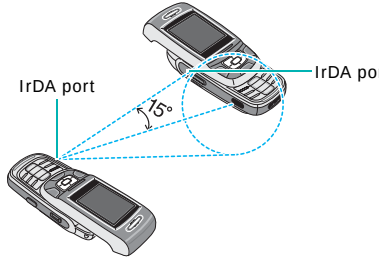
You can receive data from other people or you can take data from other devices directly via Bluetooth. To receive data, your phone's Bluetooth feature must be active.

Note: When a Bluetooth device sends data to your phone, the phone displays a confirmation message if the other device is unauthorised (see page 215). To receive data, press the **Yes** soft key.

Infrared activate *(Menu 9.6.2)*

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 another device.
- 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 another device.



The connection is ready for data transmission.

If there is no communication between your phone and the IrDA-compliant device within 60 seconds of activating the feature, it is automatically deactivated.

Note: For optimal performance, use the data link cable supplied with your phone.

Security *(Menu 9.7)*

The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls made.

Various codes and passwords are used to protect the features of your phone. They are described in the following sections. Also see pages 228-230.

PIN check *(Menu 9.7.1)*

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

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

The following options are available:

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

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

Change PIN *(Menu 9.7.2)*

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

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

Phone lock *(Menu 9.7.3)*

When the Phone Lock feature is enabled, the phone is locked and you must enter a 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 (**Menu 9.7.4**).

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

The following options are available:

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

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

Change password *(Menu 9.7.4)*

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

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

Privacy *(Menu 9.7.5)*

Using this menu, you can lock your media contents, such as multimedia messages, e-mails, images, videos, music files, and sounds. Once you have locked the contents, you must enter the phone's password to access the associated menus.

To	Press the
select an item to lock	Up or Down key. To lock all contents, select **All**.
place or remove a check mark	*i* key.
lock the marked items	**Save** soft key.

When the phone asks for the password, enter the password and press the **OK** soft key.

Note: The password is preset to "00000000" at the factory. To change this password, see page 219.

SIM lock *(Menu 9.7.6)*

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

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

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

FDN mode *(Menu 9.7.7)*

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

The following options are available:

Disable: you can call any number.

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

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

Change PIN2 *(Menu 9.7.8)*

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

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

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

Memory status *(Menu 9.8)*

You can check the amount of memory being used for storing data in the menus.

Shared memory *(Menu 9.8.1)*

You can check the used memory space for Messages, Funbox, Organiser, Phonebook, and JAVA world.

If your phone's memory is full, you can select a menu to open it immediately from this menu and then delete some items to free up memory.

Messages *(Menu 9.8.2)*

You can view the number of text messages you have stored and the total number of text messages you can store in the phone's memory or on the SIM card. You can also view the number of push messages you have stored and the total number of push messages you can store. Press the Up or Down key to scroll through the screen.

If your message boxes are full, you can select a message box to open it immediately from this menu and then delete some items to free up memory.

Funbox *(Menu 9.8.3)*

You can check the total and used memory space, including how much space is currently occupied by Image, Videos, Music, or Sounds. Press the Up or Down key to scroll through the screen.

If your media boxes are full, you can select a menu box to open it immediately from this menu and then delete some items to free up memory.

Organiser *(Menu 9.8.4)*

You can check the number of scheduled events you have stored and the total number of events you can store on your calendar, including how many events are currently stored in each item. Press the Up or Down key to scroll through the screen.

If your organiser memory is full, you can select an event type to open it immediately from this menu and then delete some events to free up memory.

Phonebook *(Menu 9.8.5)*

You can check how may names and numbers are stored in Phonebook. You can view the number of entries you have stored and the total number of entries you can store in the phone's memory or on the SIM card.

JAVA world *(Menu 9.8.6)*

You can check the total and used memory space for JAVA games.

Reset settings *(Menu 9.9)*

Using this menu, you can reset the **Phone settings**, **Display settings**, and **Sound settings** menus individually. You can also reset all the settings in your phone at one time.

1.

To	Press the
select an item to reset	Up or Down key. To reset all of the phone's settings, select **All**.
place or remove a check mark	*i* key.

2. Press the **Select** soft key to reset the marked items.

3. When a confirmation message appears, press the **Yes** soft key.

4. Enter the 4- to 8-digit phone password and press the **OK** soft key.

Note: The password is preset to "00000000" at the factory. To change this password, see page 219.

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” or “Not Done” displays

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

You have entered a number but it was not dialled

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

Your correspondent cannot reach you

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

Your correspondent cannot hear you speaking

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

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

- Your battery is insufficiently charged. Recharge the battery.

The audio quality of the call is poor

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

No number is dialled when you recall a Contacts entry

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

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

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

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

Access codes

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

When requested for any of the codes explained below, enter the appropriate code (displayed as asterisks) and press the **OK** soft key. 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 218 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 219 (**Menu 9.7.3**).
change the phone password	page 219 (**Menu 9.7.4**).

PIN

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

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

To	See
activate/deactivate the PIN Check feature	page 218 (**Menu 9.7.1**).
change the PIN	page 218 (**Menu 9.7.2**).

PUK

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

To re-enable your PIN:

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

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 221 (**Menu 9.7.8**).

PUK2

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

To re-enable your PIN2:

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

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 9.5.2**). See page 208 for further details.

Health and safety information

Exposure to Radio Frequency (RF) Signals

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

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

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

SAR Values

1. Head : 0.920(W/kg)
2. Bady-worn : 0.215(W/kg)

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

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

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

Precautions when using batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and

standby time) is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and – terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Road safety

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

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, make sure that you are following the special regulations in a given area or country.

Operating environment

Remember to follow any special regulations in force in any area and always switch 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 folder

Ability to answer a call simply by opening the phone.

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.

Tri band

Ability to handle any of the following types of network; GSM 900, GSM 1800, combined GSM 900/1800 and GSM 1900 MHz bands, for greater call success and wider roaming.

Your phone automatically searches for the last network used. If, for any reason, this network is unavailable, your phone will attempt to register with a different network.

Uni-code encoding

A character coding system designed to support the worldwide interchange, processing, and display of the written text of the diverse languages and technical disciplines of the world. Uni-code encoding provides data transmission to any other platforms without corruption, especially when you use special Alphabet that are used for languages other than English. Please refer to the following table for the major characters requiring Uni-code encoding:

À	Á	Â	Ã	á	â	ã		
È	Ê	Ë	ê	ë				
Ì	Í	Î	Ï	í	î	ï		
Ò	Ó	Ô	Õ	Ő	Ø	๑	๑	ő
Ù	Ú	Û	Ű	ù	ú	ű	Ý	ÿ
®	¬	«	»	©	°	¢		
þ	÷	ð	ç	Þ	×	Đ		

To change the character encoding type in your phone, use the **Character support** menu. Keep in mind that the maximum number of characters which can be in a message will be reduced to approximately half in length if you enter text using Uni-code characters.

Voice mail

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

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SGH-D500 GPRS Telephone

Qnuick reference card

Access the menu functions	① Press the **Menu** soft key. ② Scroll by pressing the Navigation keys through the list of the menus until you reach the menu you want. ③ Press the **Select** soft key. ④ Scroll by pressing 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) perform the function indicated by the text above it, on the bottom line of the display.	

Switch on/off	Press and hold the key.
Make a call	① Enter the number. ② Press the key.
End a call	Briefly press the key.
View missed calls immediately after missing them	① Open the phone and press the **View** soft key. ② Scroll by pressing the Up and Down keys through the missed calls. ③ To return the call, press the key.
Answer a call	Open the phone or Press the key.
Adjust the volume	Press the ▲ or ▼ key on the left side of the phone.

Store numbers in Phonebook	• In the phone's memory. ① Enter the number and press the **Save** soft key. ② Select **Phone**. ③ Select an icon. ④ Scroll through the items using the Up or Down key. (Last name/First name/ Mobile/Home/Office/Fax/ Other/Email/Graphic ID/ Alert/Group/Notes) ⑤ Enter information or press the Left or Right key. ⑥ Press the *i* key. • In the SIM card. ① Enter the number and press the **Save** soft key. ② Select **SIM**. ③ Enter the name and press the Down key. ④ If necessary, change the phone number and press the Down key.
Store numbers in Phonebook (continued)	⑤ If necessary, change the location number. ⑥ Press the *i* key.
Search for a number in Phonebook	① Press the **Contacts** soft key. ② Enter the first few letters of the name. ③ To scroll through the names, press the Up or Down key. ④ Press the *i* key. ⑤ To scroll through the numbers, press the Up or Down key. ⑥ Press the key to dial.
Take a Photo	① In Idle mode, press and hold the Camera key. ② Press the *i* key.
Play the MP3 file(s)	① Access the **MP3 player** menu (**Menu 3.2**). ② Press the *i* key.

Declaration of Conformity (R&TTE)

For the following product:

GSM900/GSM1800/GSM1900 Triband Digital Portable Cellular Telephone

(Product Name)

SGH-D500

(Model Number)

Manufactured at:

Samsung Electronics Co., Ltd, 94-1 Imsu-Dong, Gumi City, Kyung Buk, Korea, 730-350

(factory name, address*)

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

Safety	**: EN 60950:2000**
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 V9.0.2 (2003-03)**

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

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

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

The technical documentation kept at:

Samsung Electronics Euro QA Lab.

which will be made available upon request.

(Representative in the EU)

Samsung Electronics Euro QA Lab.
Blackbushe Business Park, Saxony Way,
Yateley, Hampshire, GU46 6GG, UK
2003. 12. 11

In-Seop Lee / S. Manager

(place and date of issue) (name and signature of authorised person)

* This is not the address of the Samsung Service Centre. For the address or the phone number of the Samsung Service Centre, see the warranty card or contact the retailer where you purchased your phone.