

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



DUAL BAND GPRS TELEPHONE SGH-A500



ELECTRONICS

World Wide Web
<http://www.samsungmobile.com>

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Important Safety Precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Health and Safety Information" on page 105.

Road Safety at All Times

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

Switching Off When Refuelling

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

Switching Off in Aircraft

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

Switching Off in Hospitals

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

Interference

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

Special Regulations

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

Radio Frequency Exposure

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

Sensible Use

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

Accessories and Batteries

Use only Samsung-approved accessories and batteries.

Qualified service

Only qualified service personnel may install or repair your phone.

Unpacking

Your package contains the following items:

The illustrations below may look different from your phone and accessories.



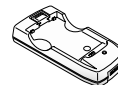
Handset



Battery



Travel Adapter



Battery Charger



User's Manuals



Ear-microphone



Hand Strap

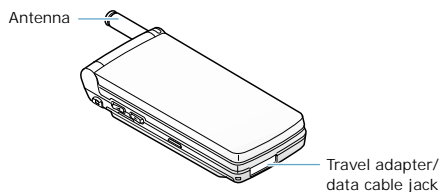
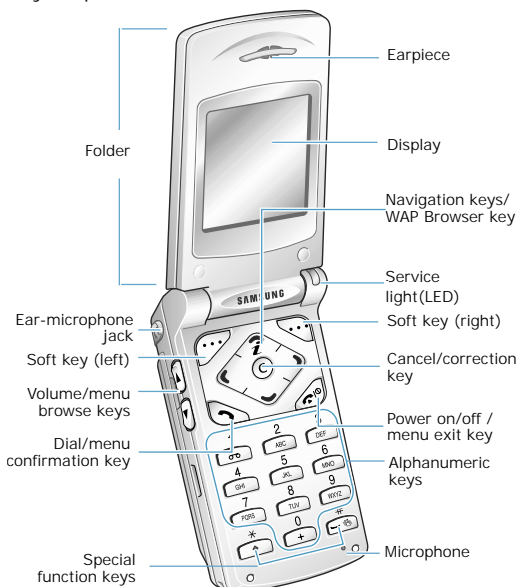
In addition, you can obtain the following accessories for your phone from your local SAMSUNG dealer:

- Travel adapter
- Simple hands-free kit
- Cigarette lighter adapter
- Standard and slim batteries
- Ear-microphone
- Car holder
- Battery charger

Your Phone

Phone Layout

The following illustrations show the main elements of your phone.





Key Description



Perform the functions indicated by the text above them (on the bottom line of the display).



In menu mode, scrolls through the menu options and phonebook memory.

In idle mode, the  key launches the WAP Browser. The  key accesses your favorite menu options directly; for more information about shortcuts, see page 84.



In menu mode, return to the previous menu level and select the current menu respectively.

When entering a name, move the cursor left and right respectively.







In idle mode, accesses your favorite menu options directly; for more information about shortcuts, see page 84.



Deletes characters from the display.

In menu mode, returns to the previous menu level.

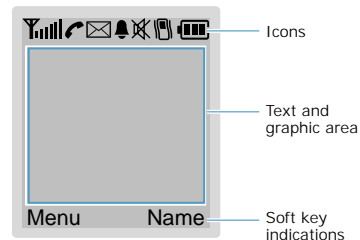
In idle mode, accesses one of your favorite menu options directly when held down for more than two seconds; for more information about shortcuts, see page 84.

Key	Description
	Makes or answers a call. <i>In idle mode</i> , recalls the last number dialed. <i>In menu mode</i> , selects a menu function or stores information that you have entered, such as a name in the phone or SIM memory.
	Ends a call. Also switches the phone on and off when pressed and held. <i>In menu mode</i> , returns to the idle mode and cancels your input.
	<i>In idle mode</i> , allows you to quickly access your voice mail server when held down.
	Enter numbers, letters and some special characters.
	Enter special characters. The # key enters or exits silent mode when held down.
	(on the side of the phone) <i>During a call</i> , adjust the earpiece volume. <i>In idle mode</i> , adjust the key tone volume. <i>In menu mode</i> , scroll through the menu options and phonebook memory.

Display










Display Layout

The display comprises three areas.



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

Icons

Icon	Description
	Shows the received signal strength. The greater the number of bars, the better the signal strength.
	Appears when a call is in progress.
	Appears when a new text message is received.
	Appears when the Vibrate mode is active.
	Appears when you set the alarm.
	Shows the level of your battery. The more bars you see, the more power you have left.
	Appears when you are out of your home area and have registered onto a different network, when travelling in other countries, for example.
	Appears when a new voice mail message is received.
	Appears when you activate the Mute mode.

Backlight

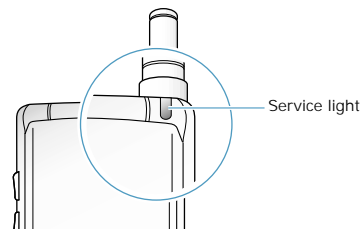
The display is illuminated by a backlight. When you press any key or if you open the folder, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the **Back Light** option in the **Phone Settings** menu.

To specify the length of time for which the backlight is active, set the **Back Light** menu option (4.4.1); see page 73 for further details.

Service Light

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

To turn the service light on or off, set the **Service Light** menu option (4.4.2); see page 73 for further details.




Getting Started

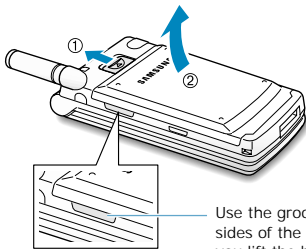
Installing the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as PIN, 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.

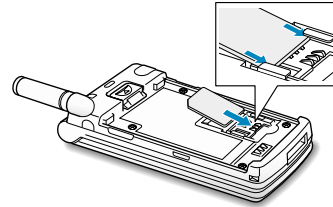
Keep all SIM cards out of the reach of small children.

1. If necessary, switch off the phone by holding the  key down until the power-off animation is displayed.
2. Remove the battery. To do so:
 - ① Slide the catch above the battery toward the top of the phone and hold it in this position.
 - ② Lift the battery away, as shown.

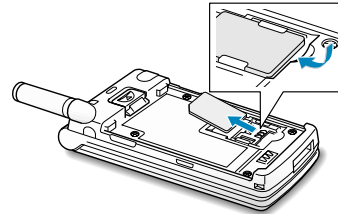


Use the grooves on both sides of the phone when you lift the battery away.

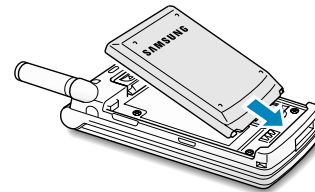
3. Slide the SIM card into the SIM card holder so that the holder locks the card in position, ensuring that the notched corner is at the top left and the gold contacts of the card face into the phone.



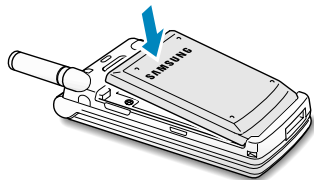
Note: When you need to remove the SIM card, slide it, as shown, and take it out of the holder.



4. Insert the tabs on the base of the battery into the notches on the base of the phone.



- Push the battery down until you hear a click. Make sure that the battery is properly installed before switching the phone on.



Charging a Battery

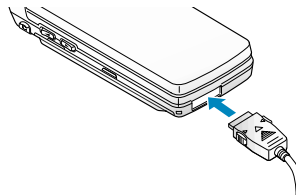
Your phone is powered by a rechargeable Li-ion battery. A travel adapter and a battery charger are provided with your phone for charging battery. Use only approved batteries and chargers. Ask your local SAMSUNG dealer for further details.

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

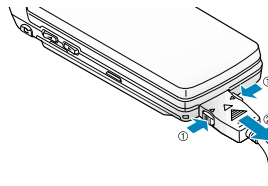
Using the Travel Adapter

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

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



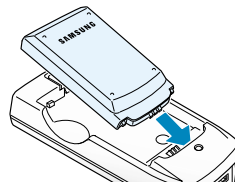
- Plug the adapter into a standard AC wall outlet.
- When charging is finished, unplug the adapter from the power outlet and from the phone.



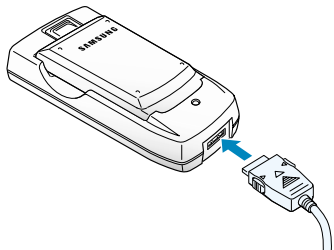
Using the Battery Charger

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

- Insert the battery alone into the charger, ensuring that the terminals on the battery are in contact with those on the charger. Press the battery down until it clicks into place.



- Plug the connector of the travel adapter into the jack at the bottom of the charger.

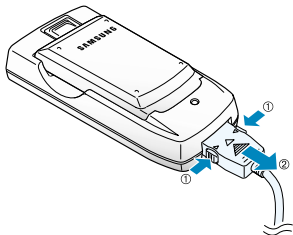


- Plug the adapter into a standard AC wall outlet.

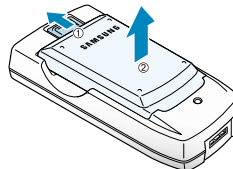
The LED on the charger will indicate the charging progress with the following colours:

- Red: the battery is charging
- Green: the battery is completely charged
- Yellow: the battery is not correctly plugged in or operating in a too high or too low temperature.

- When charging is finished, unplug the adapter from both the power outlet and the charger.

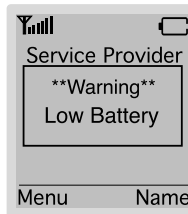


- Take the battery out of the charger.




Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, you will hear a warning tone and a message will be repeated at regular intervals on the display:

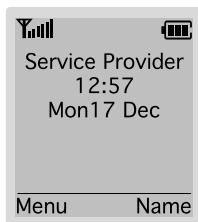



When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On/Off

1. Open the folder.
2. Hold down the  key for more than one second to switch the phone on.
3. If the phone asks for a password, key in the password and press the **OK** soft key. The phone password is factory set to "00000000." For further details, see page 101.
4. If the phone asks for a PIN, key in the PIN and press the **OK** soft key. For further details, see page 102.


The phone searches for your network. When it finds the appropriate network, the idle screen, illustrated below, is displayed. Now, you can make or receive a call.



- Note:** The display language is factory set to English. To change the language, use the **Language** menu option (4.3); for further details, refer to page 73.
5. When you wish to switch the phone off, hold the  key down for more than two seconds.


Call Functions

Making a Call



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

Note: If you have set the **Auto Redial** menu option (4.5) to **ON** (see page 74), the number is redialled automatically up to ten times when the person does not answer your call or is already on the phone.


Making International Calls

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

Correcting the Number

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

Ending a Call





When you want to finish your call, briefly press the  key.

Making a Call from the Phonebook



You can store the frequently dialled phone numbers in the SIM card or phone memory, using the phonebook. You then simply select the required name to recall the associated number. For further details about the Phonebook features, refer to page 34.



Redialling the Last Number

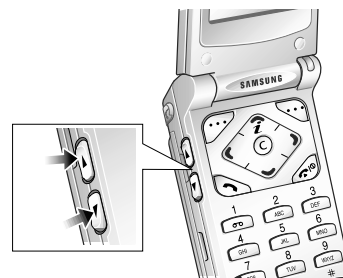
The phone stores the last 10 numbers dialled. To recall any of these numbers:



1. If you typed any character on the display, clear the display by holding down the **C** key for more than one second.
2. Press the  key to display a list of the last numbers dialled.
3. Use the  and  keys to scroll through the numbers until the required number is highlighted.
4. **To...** **Then...**
 Dial the number highlighted Press the  key.
 Edit the number highlighted
 - Press the **Edit** soft key.
 - Change the number as needed, referring to "Correcting the Number" on page 23 for further details.

Adjusting the Volume

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

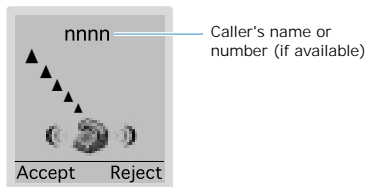
Press the  key to increase and the  key to decrease the volume.




In idle mode, you can adjust the key tone volume by using the  and  keys.


Answering a Call

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




If the caller can be identified, the caller's phone number or name, if stored in your phonebook, is displayed. If the caller cannot be identified, "Unknown" appears instead.

1. If necessary, open the folder. Press the  key or the **Accept** soft key to answer the incoming call.

If the **Anykey Answer** menu option (4.7) is set to **ON**, you can press any key to answer a call except for the  key and the **Reject** soft key (see page 75).

Notes:

- To reject an incoming call, press and hold the volume keys on the left side of the phone without opening the folder.
 - If the **Active Folder** menu option (4.6) is set to **Enable**, you do not need to press any key. You can answer the call simply by opening the folder (see page 74).
2. End the call by closing the folder or pressing the  key.

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

Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who was calling you, provided that this service is available, so that you can call the person back, if necessary.

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

To view the missed call immediately:

1. If the folder is closed, open it.
2. Press the **View** soft key.
3. The number corresponding to the most recent missed call is displayed, if available.

4. To....

Scroll through the missed calls

Call the number displayed

Edit or delete a missed call number

Press the...



 and  keys.


 key.

Select soft key (see below).



Editing a Missed Call Number


Note: If the number corresponding to the missed call is not available, the **Edit Number** option is not displayed.

1. Press the **Options** soft key.
2. If necessary, press the  or  key to highlight the **Edit Number** option.

3. Press the **Select** soft key.
4. Change the number as needed.
5. **To...** **Press the...**
 Call the number  key.
 Store the number **Save** soft key and enter the name and location required; for further details, refer to page 34.


Deleting a Missed Call

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

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

Note: You can access the Missed Call feature at any time by selecting the **Missed Calls** menu option (1.1); for further details, see page 58.

Quickly Switching to Silent Mode

You can quickly switch your phone to silent mode with a touch of a key. Press and hold the **#** key down until the  icon and "Silent Mode" appear on the display. Your phone goes to silent mode immediately.



In silent mode, your phone switches the sound settings as listed below:

Option	New Setting
Alert Type (3.3)	vibration + light
Message Tone (3.5)	vibration + light
Error Tone (3.7.1)	off
Keypad Tone (3.4)	off

To exit silent mode, press and hold the **#** key down again until "Exit Silent Mode" appears.

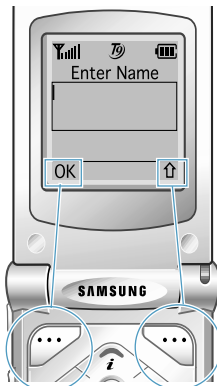
This feature is convenient when you are in a hurry to mute the phone sound, such as when in a theater.

Selecting Functions and Options

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

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









Example:



Press the left soft key to save the name entered.

Press the right soft key to change the text input mode.

To view the various functions/options available and select the one required:

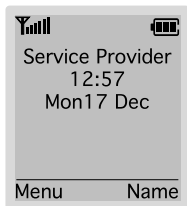
- Press the appropriate soft key.
- | | |
|--|---|
| To... | Press the... |
| Select the: <ul style="list-style-type: none"> • Function displayed or • Option highlighted | Select soft key or  key. |
| View the next function or highlight the next option in a list |  key or  key on the left side of the phone. |
| Move back to the previous function or option in a list |  key or  key on the left side of the phone. |
| Move back up one level in the structure |  key,  soft key or C key. |
| Exit the structure without changing the settings |  key. |

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

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

Example: Setting the Display Language

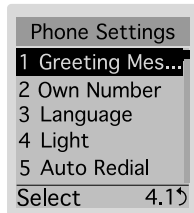
1. When the idle screen is displayed, press the **Menu** soft key to enter menu mode.



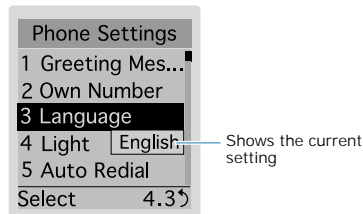
2. Scroll through the menus until you reach the **Phone settings** menu, by pressing the **Up** or **Down** key.



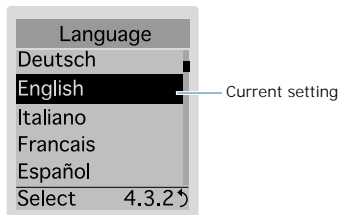
3. To select the Phone settings menu, press the **Select** soft key or **Right** key.



4. Scroll through the sub-menus until you reach the **Language** sub-menu, by pressing the **Up** or **Down** key.



5. To view the languages available, press the **Select** soft key or the **Right** key. The current setting is highlighted.



6. Scroll through the list of languages until the appropriate one is highlighted, by pressing the **Up** or **Down** key.
7. Press the **Select** soft key or the **Right** key to confirm your selection.
8. Press the **C** or **Left** key twice to exit the menu structure.

Phonebook

You can store phone numbers and their corresponding names in the memory of your SIM card. In addition, you can store up to 100 numbers and names in the phone memory. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called the phonebook.


Storing a Phone Number with a Name

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

1. Key in the number to be stored.

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

2. When you are sure that it is correct, press the **Save** soft key.
3. Enter the corresponding name. The maximum length depends on your SIM card. For information about how to enter characters, see page 41.
4. When you are satisfied, press the **OK** soft key. The phone now displays the first free location in the last memory used to save a number and name. If that memory is full, the first free location in the other memory is displayed.

5. Press the right soft key to toggle between the phone (**To Phone**) and card (**To Card**) memories.
6. If you do not want to save the number and name in the suggested location, press the **C** key to clear the location number and enter your preferred location by pressing the number keys.
7. Press the **OK** soft key to store the name and number.
8. Press the  key to return to the idle screen.

Speed-Dialling by Memory Location

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

To speed-dial number in locations...	Then...
2 to 9	Hold the appropriate key down.
10 and above	<ul style="list-style-type: none"> • Press the appropriate keys, followed by the # key. The display shows the name, phone number and location. • Press the Dial soft key to dial the number.




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

Searching for a Number in the Phonebook

1. When the idle screen is displayed, press the **Name** soft key. You are asked to enter a name.
2. Enter the first few letters of the name that you wish to find and press the **Search** soft key.

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

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




- | | |
|--|---|
| 3. To... | Press the... |
| View the highlighted entry | View soft key. |
| Select a different entry |  or  key until the required entry is highlighted. |
| Look for a name starting with a different letter | Key labelled with the required letter. |
4. Once you have found the required entry, press the  key to dial the number.

Phonebook Options

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


Accessing the Options

To access the various phonebook options:

1. Choose a phonebook entry.
 2. Press the **View** soft key.
 3. Press the **Options** soft key. The first available option is highlighted.
- | | |
|-------------------------------|--|
| 4. To... | Press the... |
| Select the highlighted option | Select soft key or  key. |
| Highlight a different option |  or  key until the required option is highlighted. |

Paste

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

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

Edit

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

Erase

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

Copy

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

Caller Group

You can set the phone to ring in a specific way and display a preselected graphic icon when a particular person calls you. To do so, you must:

- Define your caller groups
- Assign the numbers in the phonebook to the appropriate group

Defining a caller group

You can define up to five caller groups.

1. In idle mode, press the **Name** soft key.
2. Press the **Options** soft key.

3. Select the **Caller group** option.
4. Select the group to be defined.
5. Set the appropriate options.

The following options are available:

Call ring tone: allows you to select the ring tone to be used when you receive a voice phone call from a person in the group.

SMS tone: allows you to select the tone to be used when you receive a text message from a person in the group.

Graphic: allows you to select the graphic icon to be displayed when you receive a call from a person in the group.

Group Name: allows you to assign a name to the group; for further details about how to enter characters, refer to page 41.

Assigning numbers to a group

1. View the required number in the phonebook.
2. Press the **Options** soft key.
3. Select the **Caller Group** option.
4. Select the required group.

To remove a number from a group, select the **No Group** option.

Memory Status

You can check how many names and numbers are stored in the phonebook (card and phone memories).

1. In the idle mode, press the **Name** soft key.
2. Press the **Options** soft key.
3. Select the **Memory Status** option.
4. Press **Next** to toggle between the card and phone memories.

SDN

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

1. In the idle mode, press the **Name** soft key.
2. Press the **Options** soft key.
3. Select the **SDN** option.
4. Scroll through the numbers by using the **↶** and **↷** keys.
5. To dial the number displayed, press the **Dial** soft key.

Note: This option is available only when your SIM card supports Service Dialling Numbers (SDN).

Entering Text

When using your phone, you will often need to enter text. For example, when storing a name in the phonebook, creating your personal greeting or scheduling events in your calendar. You can enter alphanumeric characters by using your phone's keypad.

You are provided with the following text input modes:

- **T9 mode**

This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter - when you press the **5** key once, J, K or L may be displayed. The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional upper/lower-case character modes.

- **Upper/lower-case character modes**

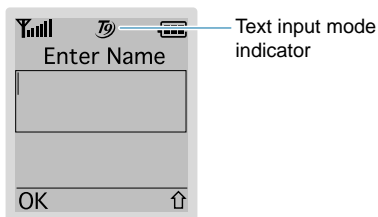
These modes allow you to enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.

- **Number mode**

This mode allows you to enter numbers.

Changing the Text Input Mode

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



To select...	Press the ↑ soft key until...
Upper-case characters	A is displayed. See page 44.
Lower-case characters	a is displayed. See page 44.
Numbers only	1 is displayed. See page 45.
The T9 mode	T9 is displayed. See page 43.

Using the T9 Mode

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

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

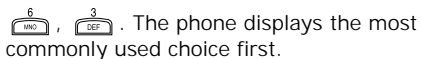
Example: To enter *HELLO* in the T9 mode, press



2. The word that you are typing appears on the display. It may change with each key that you press.
3. Enter the whole word before editing or deleting any keystrokes.
4. If the word is correct, start entering the next word.


Otherwise, press the **O**, **^** or **v** key repeatedly to display alternate word choices for the keys that you have pressed.

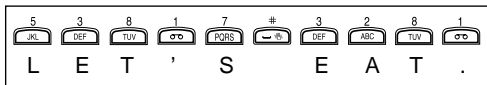
Example: both *OF* and *ME* has the sequence



5. Put a space between each word by pressing the **#** key.
 - To type words not found in the T9 mode, change the text input mode to the upper/lower-case character input mode.

- To enter full stops, hyphens or apostrophes, press the 1 key. The T9 mode applies grammar rules to ensure that the correct punctuation is used.

Example:  is used twice to display two punctuation marks:



- To change the case in the T9 mode, use the * key.
- You can move the cursor by using the ◀ and ▶ keys. To delete letters, press the C key. Press and hold the C key down to clear the display.

Using the Upper/Lower-Case Character Mode

Use the keys 1 to 0 to enter your text.

- Press the key labelled with the required letter:
 - Once for the first letter
 - Twice for the second letter
 - And so on
- 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 right automatically, and then select the next letter.

Refer to the table below for more information on the characters available by using the keys.

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

- To insert a space, press the # key.
- You can move the cursor by using the ◀ and ▶ keys. To delete letters, press the C key. Press and hold down the C key to clear the display.

Using the Number Mode

The Number mode enables you to enter numbers in a text message, a telephone number for example. Press the keys corresponding to the required digits before manually switching back to the appropriate text input mode.

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 this service is supported by the network. Of these two calls, one is active and the other is on hold and you can swap between the calls.

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

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

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

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

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


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

Switching the Microphone Off (Mute)


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

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

To switch the microphone off temporarily:

1. Press the **Options** soft key.
2. If necessary, press the  key to highlight the **Mute** option.
3. Press the **OK** soft key. The other party can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key.
2. If necessary, press the  key to highlight the **Unmute** option.
3. Press the **OK** soft key. The other party can hear you again.


Muting/Sending Key Tones

These options allow you to turn the key tones off or on. If the **Mute keys** option is selected, your phone does not transmit the key tones. It allows you to press keys without hearing annoying key tones during a call.

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

Searching for a Number in the Phonebook

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


1. Press the **Options** soft key.
2. Press the  key to highlight the **Phonebook** option.
3. Press the **OK** soft key.
4. The phonebook entries are listed.
5. Enter the name that you wish to find.

If you enter the first few letters of the name, all phonebook entries are listed, starting with the first entry matching your input. The entry is also highlighted.

6. To view the highlighted entry, press the **View** soft key.

For a more detailed description of the Phonebook feature, refer to page 34.

Using the SMS Service

If you receive an SMS (Short Message Service) message during a call, the message icon  flashes on the display. The **SMS Service** option enables you to use this feature.

Read Messages: allows you to read the messages that you have received.



Write Messages: allows you to write a message.

For further details about the SMS service, refer to page 61.

Answering a Second Call

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you have set the **Call Waiting** menu option (**7.3**) to **Activate** (see page 93). You will be notified of an incoming call by a call waiting tone.

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

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

Making a Multiparty Call

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

Setting up the Multiparty Call

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




You can add incoming callers by answering the call and pressing **Options**, followed by **Join**. Repeat as needed.

Having a Private Conversation With One Participant

Note: This feature may not be available depending on your network or service provider.

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

The list of the call participants appears.

2. Highlight the required person, by pressing the  or  key, followed by the **Select** soft key or the  key.
3. Select **Private**.

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




4. To return to the multiparty call, press the **Options** soft key and select **Join**.

All the multiparty call participants can now hear each other.


Dropping One Participant

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

The list of the call participants appears.

2. Highlight the required person, by pressing the  or  key, followed by the **Select** soft key or  key.
3. Select **Remove**.

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







4. End the multiparty call by closing the folder or pressing the  key.

Using the Menus






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




The menus and sub-menus can be accessed by scrolling using the navigation keys or by using the shortcut numbers.

Accessing Menu Functions by Scrolling


1. In idle mode, press the **Menu** soft key to access menu mode.
2. Scroll with the  or  key to reach the required main menu, **Phone Settings** for example. Press the **Select** soft key or the  or  key to enter the menu.
3. If the menu contains any sub-menus, **Language** for example, you can access them by scrolling with the  or  key and pressing the **Select** soft key.

If the menu that you have selected contains further options, repeat the same procedure.



- | | |
|----------------------------|---|
| 4. To... | Press the... |
| Scroll through the menus |  or  key (or use the  and  keys on the left side of the phone). |
| Confirm the chosen setting | Select soft key or press  key. |

- | | |
|---|--|
| 4. To... | Press the... |
| Return to the previous menu level |  soft key or use the C or  key. |
| Exit the menu without changing the settings |  key. |

Accessing Menu Functions by Using Shortcuts

The menu items, such as menu, sub-menus and options are numbered and can be quickly accessed using their shortcut numbers. The shortcut number is shown at the bottom right next to the  soft key on the display. Simply press the **Menu** soft key and key in the required number.

Example: Accessing the **Language** menu option.

1. Press the **Menu** soft key in idle mode.
2. Press  for **Phone Settings**.
3. Press  for **Language**.

The languages available are displayed directly.

Note: The numbers assigned to each menu option are indicated in the list on page 54. They may not match the menu number on the phone. It depends on the services supported by the SIM card.

List of Menu Functions

The following illustration shows the menu structure available and indicates the:

- Number assigned to each option.
- Page on which you can find a description of each feature.

Note: If you use a SIM AT card that provides additional services, the **SIM AT** menu (9) is displayed first when you press the **Menu** soft key to enter menu mode. For further details, refer to your SIM card documentation.

1. Call Records (see page 58)

- 1.1 Missed Calls
- 1.2 Received Calls
- 1.3 Dialed Calls
- 1.4 Call Time
 - 1.4.1 Last Call Time
 - 1.4.2 Total Sent
 - 1.4.3 Total Received
 - 1.4.4 Reset Timers
- 1.5 Call Cost*
 - 1.5.1 Last Call Cost
 - 1.5.2 Total Cost
 - 1.5.3 Max Cost
 - 1.5.4 Reset Counters
 - 1.5.5 Set Max Cost
 - 1.5.6 Price/Unit

* Shown only if supported by your SIM card.

2. Messages (see page 61)

- 2.1 Read Messages
 - 2.1.1 Inbox
 - 2.1.2 Outbox
- 2.2 Write Messages
- 2.3 Preset Message
- 2.4 Setup
 - 2.4.1 Setting 1*
 - 2.4.2 Setting 2*
 - 2.4.3 Setting 3*
 - 2.4.4 Common Setting
- 2.5 Broadcast
 - 2.5.1 Read
 - 2.5.2 Receive
 - 2.5.3 Channel List
 - 2.5.3.1 Select
 - 2.5.3.2 Add Channel
 - 2.5.3.3 Delete
 - 2.5.3.4 Edit
 - 2.5.4 Language
- 2.6 Voice Mail
 - 2.6.1 Connect to Voice Server
 - 2.6.2 Voice Server

3. Sound Settings (see page 68)

- 3.1 Ring & Melody
 - 3.1.1 Melody
 - 3.1.2 Tone
- 3.2 Ring Volume
- 3.3 Alert Type
- 3.4 Keypad Tone
- 3.5 Message Tone
- 3.6 Alarm Tone
 - 3.6.1 Melody
 - 3.6.2 Tone
- 3.7 Extra Tone
 - 3.7.1 Error Tone
 - 3.7.2 Minute Minder
 - 3.7.3 Connect Tone

* Shown only if supported by your SIM card.

4. Phone Settings (see page 72)

- 4.1 Greeting Message
- 4.2 Own Number
- 4.3 Language
- 4.4 Light
 - 4.4.1 Back Light
 - 4.4.2 Service Light
- 4.5 Auto Redial
- 4.6 Active Folder
- 4.7 Anykey Answer
- 4.8 Contrast
- 4.9 Reset Settings

5. Organiser (see page 76)

- 5.1 Calendar
- 5.2 To Do List
- 5.3 Time & Date
 - 5.3.1 Set Time
 - 5.3.2 Set Date
 - 5.3.3 World Time
 - 5.3.4 Format
- 5.4 Alarm
- 5.5 Calculator
- 5.6 ShortCut
 - 5.6.1 Key down
 - 5.6.2 Key right
 - 5.6.3 Key left

6. Security (see page 85)

- 6.1 PIN Check
- 6.2 Change PIN
- 6.3 Phone Lock
- 6.4 Change Password
- 6.5 SIM Lock
- 6.6 FDN Mode*
- 6.7 Change PIN2*

* Shown only if supported by your SIM card.

7. Network Services (see page 89)

- 7.1 Call Diverting
 - 7.1.1 Divert Always
 - 7.1.2 Busy
 - 7.1.3 No Reply
 - 7.1.4 Unreachable
 - 7.1.5 Cancel All
- 7.2 Call Barring
 - 7.2.1 All Outgoing
 - 7.2.2 International
 - 7.2.3 International Except to Home
 - 7.2.4 All Incoming
 - 7.2.5 Incoming While Abroad
 - 7.2.6 Cancel All
 - 7.2.7 Change Barring Password
- 7.3 Call Waiting
 - 7.3.1 Voice Calls
 - 7.3.2 Fax Calls
 - 7.3.3 Data Calls
 - 7.3.4 Cancel All
- 7.4 Network Selection
 - 7.4.1 Automatic
 - 7.4.2 Manual
- 7.5 Caller ID
 - 7.5.1 Default
 - 7.5.2 Hide Number
 - 7.5.3 Send Number
- 7.6 Closed User Group
 - 7.6.1 Index List
 - 7.6.2 Outside Access
 - 7.6.3 Default Group
 - 7.6.4 Deactivate*

8. WAP Browser (see page 97)

* Shown only if the Closed User Group Feature is active.

Call Records

Via this menu, you can view:

- Missed, received or dialled calls.
- duration of your calls.
- the cost of your calls.

Missed Calls *(Menu 1.1)*

This option lets you view the last 10 unanswered calls when the caller line identification service is available.

The number and name, if available, are displayed together with the date and time when the call was received.

By pressing the **Options** soft key, you can:

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

Received Calls *(Menu 1.2)*

This option lets you view the last 10 phone calls answered when the caller line identification service is available.

The number and name, if available, are displayed together with the date and time when the call was received.

By pressing the **Options** soft key, you can:

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

Dialled Calls *(Menu 1.3)*

This option lets you view the last 10 numbers dialled.

The number and name, if available, are displayed together with the date and time when the call was made.

By pressing the **Options** soft key, you can:

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

Call Time *(Menu 1.4)*

This option lets you view the timers for calls made and received. The following timers are available:

Last Call Time: length of the last call.

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

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

Reset Timers: option used to reset the call timers; you must first enter the phone password (see page 101) and then press the **OK** soft key.

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

Call Cost* (Menu 1.5)

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

Last Call Cost: cost of the last call made.

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

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

Reset Counters: option used to reset the cost counter; you must first enter your PIN2 (see page 103) and then press the **OK** soft key.

Set Max Cost: option used to enter the maximum cost that you authorise for your calls.

Price/Unit: option used to set the cost of one unit; this price per unit is applied when calculating the cost of your calls.

* Shown only if supported by your SIM card.

Messages

The SMS (Short Message Service) function is a network service and may not be supported by your network. Messages can be sent by text, fax, or E-mail messaging systems, provided that these services are supported by your network. To send text messages by phone, you must obtain the number of the SMS centre from your service provider.

When the New Message  icon appears, you receive a new text message. If the message memory is full, an error message is displayed and you cannot receive any new messages. Use the **Delete** option in the **Read Messages** menu (2.1) to delete obsolete messages.





Read Messages (Menu 2.1)

Two message boxes are available.





Inbox: used to store the messages that you received.

Outbox: used to store the messages that you already sent or will send.

Select the required box. The list of messages in the box is displayed.

To view a message, highlight it in the list by using the  and  keys or the  and  keys, and press the **View** soft key. The screen shows the:

- Sender's phone number if sent with the message or name if it is available in your phonebook (inbox only).
- Date and time when the message was received (inbox only).
- Message text.

To scroll through the message, use the  and  keys or the  and  keys.

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

Text Reply (inbox only): allows you to reply by sending a text message. You can also change the SMS centre number, if needed.

Call Back (inbox only): allows you to call the sender back.

Delete: allows you to delete the message, if it is obsolete.

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

Send: allows you to send a message that you received or saved. You can:

- Send the message.
- Save and send the message.
- Save but not send the message.

Edit Message: allows you to edit a message.

Note: The options available vary, depending on the message status, new/old, not sent or sent for example.

Write Messages *(Menu 2.2)*

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

Note: For further information about entering characters in your message, refer to page 41.



After you complete the message, you can select the following options:

Send Only: enter the destination and select a setting group in which you set up default information on the SMS feature via the **Setup** menu (see page 64).

Save and Send: allows you to save a copy of the message and then send the message to the required destination. You are also required to select a setting group. You can read the message in your outbox by using the **Read Messages** option.

Save Only: allows you to save the message so that it can be sent later. You can read the message in your outbox by using the **Read Messages** option.

Preset Message *(Menu 2.3)*

Using this menu, you can preset up to five messages that you use most frequently. This menu shows the preset message list. Scroll through the list by using the  and  keys. When the required message number appears, press the **Options** soft key.

The following options are available:

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

Note: For further information about how to enter characters, refer to page 41.

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

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

Setup *(Menu 2.4)*

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

The following options are available:

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

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

Default Type: allows you to set the default message type from **Text**, **Fax**, **Email** and **Paging**. The network can convert the messages into the selected format.

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

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

Common Setting: two options are available:

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

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



Broadcast *(Menu 2.5)*

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

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

The last ten messages are also stored for later retrieval.

The following options are available:

Read: lets you view the first message. Scroll through the message by using the  and  keys. At the end of the message, press the **Next** soft key to move to the next message.

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

Channel List: allows you to indicate the channels from which you wish to receive broadcast messages. The following options are available:

Select: used to enable or disable channels in the list by marking or unmarking them respectively. A check mark is displayed in front of each channel selected.

Add Channel: used to declare the ID and title for a new channel.

Delete: used to remove a channel from the list.

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

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

Please contact your service provider for more information.

Voice Mail *(Menu 2.6)*

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

Note: Voice Mail is a network feature. Please contact your service provider for more information.

Connect to Voice Server: before using this feature, you must enter the voice server number obtained from your service provider (see menu option **2.6.2** below). You can then select this option and simply press the **OK** soft key to listen to your messages.

To quickly connect to the voice server, press and hold the **1** key down in idle mode.

Voice Server: allows you to store or change the voice mail server number.

To...	Press the...
Enter the server number	Corresponding numeric keys.
Correct a digit	C key.
Move the cursor to the left/right without clearing the digit	◀ or ▶ key.

Sound Settings

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

- Ringing volume and type.
- Sounds made when you press a key, make an error or receive a message.

Note: When the phone is in silent mode (see page 29), you cannot change the sound settings.

Ring & Melody *(Menu 3.1)*

This menu option contains the ring tones and melodies for the ringer to alert an incoming call. A tone or melody selected in this menu will be used according to the setting in the **Alert Type** menu option (3.3).





The following options are available:

Melody: you can choose from 25 melodies.

Tone: you can choose from 25 tones.

Use the navigation keys to listen to the available sounds. Each time you select an item, it plays for a few seconds.

Ring Volume *(Menu 3.2)*

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

Alert Type *(Menu 3.3)*

This option allows you to indicate how you are to be informed of any incoming calls.

The following options are available:

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

Melody: the phone rings by using the ring tone or melody selected via the **Ring & Melody** menu option (3.1).

Vibration: the phone vibrates but does not ring.

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

Keypad Tone *(Menu 3.4)*

This option allows you to select the tone that the keypad generates when you press a key.

The following options are available:

OFF: the keys do not make any sound.

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

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

Message Tone *(Menu 3.5)*

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

The following options are available.

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

Vibration: the phone vibrates.

SMS Tone1 ~ 10: the phone uses an SMS tone. You are provided with ten SMS tones.

Alarm Tone *(Menu 3.6)*

This menu option contains the ring tones and melodies for the alarm to ring at a specified time.

The following options are available.

Melody: you can choose from 25 melodies.

Tone: you can choose from 25 tones.

Use the navigation keys to listen to the available sounds. Each time you select an item, it plays for a few seconds.

Extra Tone *(Menu 3.7)*

You can turn the several tones to inform you of some situations on or off.

Error Tone

This option allows you to select how the phone informs you that you have made a mistake.

The following options are available:

OFF: the phone does not beep.

ON: the phone beeps to indicate an invalid entry.

Minute Minder

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

The following options are available:

OFF: the phone does not beep.

ON: the phone beeps every minute.

Connect Tone

You can set your phone to beep when the person you are calling answers the phone.

The following options are available:

OFF: the phone does not beep.

ON: the phone beeps when your call is accepted.

Phone Settings

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

Greeting Message *(Menu 4.1)*

This option allows you to set a greeting message to be displayed briefly when the phone is switched on. The current message is displayed.

To...	Press the...
Clear the existing message	C key and hold it down until the message is cleared.
Enter a new message	Appropriate alphanumeric keys.
Change the text input mode	⬆ soft key.

For further details about how to enter characters, refer to page 41.

Own Number *(Menu 4.2)*

This feature allows you to:

- Assign a name to each of your own phone numbers registered on your SIM card.
- Edit the names and numbers.

This function is a memory aid, which you can use to check your own phone numbers if you need to do so. Any changes made here do not in any way affect the actual subscriber numbers on your SIM card.

Language *(Menu 4.3)*

You can select a display language. When the language option is set to **Automatic**, the language is automatically selected according to the language of the SIM card you are using.

Light *(Menu 4.4)*

Back Light

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

The following options are available:

OFF: the backlight is not used.

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

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

Service Light

This option allows you to select whether or not the service light at the top right of the phone is used.

The following options are available.

OFF: the service light is not used.

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

Auto Redial *(Menu 4.5)*

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

Note: The interval between two call attempts varies.

The following options are available.

OFF: the number is not redialled.

ON: the number is redialled automatically.

Active Folder *(Menu 4.6)*


This option allows you to answer a call simply by opening the folder.

The following options are available:




Disable: to answer a call, you must open the folder and press a key, depending on the setting of the **Anykey Answer** menu option (page 75).



Enable: to answer a call, you simply open the folder.

Anykey Answer *(Menu 4.7)*





This option allows you to answer an incoming call by pressing any key, except the  key and **Reject** soft key.

The following options are available:

OFF: to answer a call, you can only press the  key or **Accept** soft key. To reject the call, press and hold the  or  key down on the left side of the phone.

ON: to answer a call, you can press any key except the  key and the **Reject** soft key. To reject the call, press the  key or the **Reject** soft key.

Contrast *(Menu 4.8)*

This option allows you to adjust the contrast of the LCD screen to make it darker or brighter, by using the  and  keys or the  and  keys on the left side of the phone.

Reset Settings *(Menu 4.9)*

You can easily reset your phone to its default configuration.

1. Select the **Reset Settings** menu option.
2. Enter the 8-digit phone password.

Note: The password is preset to "00000000." To change this password, refer to page 87.

Organiser

The Organiser feature enables you to:

- View the calendar and organise your schedule.
- Define a list of things to do.
- Set the current date and time.
- Set the alarm so that the phone rings at a specific time (to remind you of an appointment for example).
- Use the phone as a calculator.
- Assign functions to the navigation keys so that they can be used as shortcuts giving direct access to your favorite menus.

Calendar *(Menu 5.1)*

With the Calendar feature, you can:

- Consult the calendar.
- Write memos to keep track of your schedule and trigger an alarm, if necessary.

Consulting the Calendar

When you select the **Calendar** menu option (5.1), the calendar is displayed. The following options are available when you press the **Options** soft key.

Search all: displays all memos set, regardless of the day and starting with the oldest. To scroll through the memos, press the **▲** or **▼** key.

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

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

Writing a Memo

To write or edit a memo on a specific date:

1. Select a date on the calendar, by using the navigation keys.

Note: To skip to the previous or next month, press the **▲** or **▼** key on the left side of the phone.

2. Press the **Select** soft key.

An empty memo screen is displayed to allow you to enter your memo.

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

Note: For further details about how to enter characters, refer to page 41.

You are asked if you wish to set an alarm.

4. If you want an alarm to ring on the chosen day, press the **Yes** soft key. Otherwise, press the **No** soft key.
5. If you pressed **Yes**, set the time for the alarm and press the **OK** soft key.

A check mark is displayed in front of the date on the calendar to indicate that a memo exists.

Editing a Memo

If you select a day for which a memo already exists, you can press the **Edit** soft key to edit the memo displayed.

Note: For further details about how to enter characters, refer to page 41.

Once you have finished editing the memo, press the **OK** soft key. The following options are then available when you press the **Options** soft key:

Alarm: allows you to set the alarm to ring on the chosen day.

Erase: allows you to delete the memo.

Copy to: allows you to copy the memo to another date and/or time.

Move to: allows you to change the date and/or time of the memo.

To Do List *(Menu 5.2)*

This feature allows you to:

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

Creating the To Do List

To create the To Do List:

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

Note: For further details about how to enter characters, see page 41.

3. Press the **OK** soft key.
4. Select high or low priority by using the **▲** or **▼** key and the **Select** soft key.

5. Enter your deadline. If you do not want to set deadline, press the **Skip** soft key.
6. Press the **OK** soft key.

Editing the To Do List

If tasks are already defined in the To Do List when you select the **To Do List** menu option (5.2), the current contents are displayed with the associated status mark (✓ for done job). The following options are available:

To...	Then...
View the details for a specific task	<ul style="list-style-type: none"> • Highlight the task. • Press the View soft key.
Change the status of a specific task	<ul style="list-style-type: none"> • Highlight the task. • Press the * key to mark the task as completed at the current date and time. <p>or</p> <ul style="list-style-type: none"> • Highlight the task. • Press the Options soft key. • Select the Mark option. • Select the appropriate status.
Create a new task	<ul style="list-style-type: none"> • Press the Options soft key. • Select the New option. • Enter the text, priority and deadline for the task.
Edit an existing task	<ul style="list-style-type: none"> • Highlight the task. • Press the Options soft key. • Select the Edit option. • Change the text, priority and deadline for the task.

To...	Then...
Sort the existing tasks by priority or status	<ul style="list-style-type: none"> • Press the Options soft key. • Select the Sort option. • Select the sort criterion (High, Low, Done, Undo).
Copy a task	<ul style="list-style-type: none"> • Highlight the task. • Press the Options soft key. • Select the Copy option. • Change the text, priority and deadline for the task as required.
Delete a task	<ul style="list-style-type: none"> • Highlight the task. • Press the Options soft key. • Select the Delete option.
Delete all tasks	<ul style="list-style-type: none"> • Press the Options soft key. • Select the Delete all option. • Confirm the deletion by pressing the OK soft key.

Time & Date *(Menu 5.3)*

This option allows you to change the current time and date displayed. You can also check the current time for Greenwich Mean Time (GMT) and 21 major cities around the world.

Note: If you leave the phone without the battery for more than 10 minutes, the information of date and time you entered will be cleared. Also, frequent removing and then installing the battery may cause bad time.

The following options are available:

Set Time: allows you to enter the current time. You can choose the time format via the **Format** menu option (5.3.4).

Note: Before setting the time, you must specify your time zone, via the **World Time** menu option (5.3.3).

Set Date: allows you to enter the day, month and year. You can change the date format via the **Format** menu option (5.3.4).

World Time: allows you to check the current time for Greenwich Mean Time (GMT) and 21 major cities around the world, by using the ◀ or ▶ key.

The screen shows the:

- City name.
- Current date and time.
- Time difference between the selected city and your city if you have set the local time (see below for further details) or GMT (by default).

To select your time zone:

1. Select the city corresponding to your time zone by pressing the ◀ or ▶ key one or more times. The local date and time are displayed.
2. Press the **Set** soft key.

Format: allows you to change the time and date formats.

Time format: 24 Hours
12 Hours

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

Alarm *(Menu 5.4)*

This feature allows you to:

- Set the alarm to ring at a specific time
- Set the phone to switch on automatically and ring the alarm even if the phone is switched off (**Autopower** menu option set to **Enable**)

In the **Alarm** menu, the following options are available:

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

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

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

To set the alarm:

1. Choose the alarm frequency option.
2. Enter the required time and day of the week, if applicable.

To stop the alarm when it rings, open the flip and press the **Exit** soft key.

Remove Alarm: deactivates the alarm.

Autopower: if this option is set to **Enable**, the phone switches on automatically when the alarm rings.

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


Calculator *(Menu 5.5)*

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

Using the Calculator

1. Enter the first number by using the numeric keys.
2. Press the right soft key until the required arithmetic symbol appears; + (add), - (subtract), * (multiply), / (divide).
3. Enter the second number.
4. Repeat steps 2 and 3 as many times as needed.

Notes:

- To erase any mistakes and clear the display, press the **C** key.
 - To include a decimal point or a bracket, press the left soft key until the required symbol is displayed.
5. To calculate the result, press the  key.






ShortCut *(Menu 5.6)*

The down, left and right navigation keys can also be used as shortcut keys. In idle mode, they allow you to access specific menu options directly.

Using the **ShortCut** menu, the following menu options can be assigned to the shortcut keys:

- **Calendar** (menu option 5.1)
- **Calculator** (menu option 5.5)
- **Messages** (menu option 2)
- **Sound Settings** (menu option 3)
- **To Do List** (menu option 5.2)
- **Voice Mail** (menu option 2.6)
- **Broadcast** (menu option 2.5)

To change a shortcut allocation of a key.

1. Select the shortcut key you want to change by pressing the  or  key, and press the **Select** soft key.
 - **Key down** ()
 - **Key right** ()
 - **Key left** ()
2. Select the menu option to be assigned to the key and press the **Select** soft key.

Note: To deactivate a shortcut key, select the **None** option.

Security

The Security feature enables you to restrict the use of your phone to:

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

Various codes and passwords are used to protect the features of your phone. They are described in the following sections (see also pages 101-104).

PIN Check *(Menu 6.1)*

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

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

To change your PIN, refer to the **Change PIN** menu option (6.2) on the following page.

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 6.2)*

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

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

Phone Lock *(Menu 6.3)*

When the Phone Lock feature is enabled, the phone is locked and you must enter the 8-digit phone password each time the phone is switched on.

The password is factory set to "00000000." To change the phone password, refer to the **Change Password** menu option (6.4) on the following page.

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

The following options are available:

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

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

Change Password *(Menu 6.4)*

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

The password is factory set to "00000000." Once you have entered a new password, you are asked to confirm it by entering it again.

SIM Lock *(Menu 6.5)*

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

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

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

FDN Mode *(Menu 6.6)*

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

The following options are available.

Disable: you can phone any number.

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

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

To change your PIN2, refer to the **Change PIN2** menu option (6.7) below.

Change PIN2 *(Menu 6.7)*

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

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

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

Network Services

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

Call Diverting *(Menu 7.1)*

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

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

Call diverting can be set up in the following ways:

Divert Always: all calls are diverted.

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

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

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

Cancel All: all call diverting options are cancelled.





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

- Voice calls only
- Fax calls only
- Data calls only

Example: You can:

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

To set your call diverting options:

1. Select the type of call diverting required by pressing the  or  key and then press the **Select** soft key.
2. Select the type of calls to be diverted by pressing the  or  key and then press the **Select** soft key.

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

3. **To...** **Press the...**

Activate call diverting	Activate soft key and go to step 4.
Change the call number	Change soft key and 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 and hold the **0** key until the + sign is displayed.

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

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

Call Barring *(Menu 7.2)*

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

Call barring can be set up in the following ways:

All Outgoing: calls cannot be made.

International: international calls cannot be made.

International Except to Home: when abroad, calls can be made only to numbers within the current country and to your home country, that is the country where your home network provider is located.

All Incoming: calls cannot be received.





Incoming While Abroad: calls cannot be received when you are using your phone outside your home service area.

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

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

- Voice calls only
- Fax calls only
- Data calls only

To set your call barring options:

1. Select the type of call barring required by pressing the  or  key and then press the **Select** soft key.
2. Select the type of calls to be barred by pressing the  or  key and then press the **Select** soft key.

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

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

To deactivate specific call barring settings:

1. Select the call barring option to be deactivated.
2. Select the type of call to which this option applies.
3. Press the **Deactivate** soft key.
4. Enter your call barring password supplied by your service provider.

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

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

Change Barring Password: you can set and change the call barring password obtained from your service provider by using this option. You need to enter the current password before you can specify a new one.

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

Call Waiting *(Menu 7.3)*

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

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

- Voice calls
- Fax calls
- Data calls

To set your call waiting options:

1. Select the type of calls by pressing the **^** or **v** 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 7.4)*

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



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

To indicate whether the network is to be selected automatically or manually when roaming:

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

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

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

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

You are connected to that network.

Caller ID *(Menu 7.5)*

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 is not displayed on the other person's phone.

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

Closed User Group (CUG) *(Menu 7.6)*

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

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

Activating a Closed User Group

If you select the **Closed User Group** menu, you can enter the CUG function. You can now access the following options after pressing the **Select** soft key.

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

To...	Press the...
Scroll through the existing CUG indexes	↶ or ↷ key.
Add a new CUG index	Options soft key, select the Add option and enter the index.
Delete a CUG index	Options soft key and select the Delete option.
Activate a CUG index	Options soft key and select the Activate option.

Outside Access: lets you enable or disable calls to numbers other than those nominated for the Closed User Group. This feature depends on the nature of your CUG subscription. Please check with your service provider.

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

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

WAP Browser

Your phone is equipped with a WAP Browser to allow you to access and navigate the Wireless Web via your phone.

For further details on the WAP Browser menu, refer to the WAP Browser User's Manual supplied with your phone.

* Shown only if supported by your SIM card.

Solving Problems

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

When you switch your phone on, the following messages 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 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 the feature, use the **PIN Check** menu option (6.1).

Enter PUK


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

“No service”, “Network failure” or “Not done” is displayed


- The network connection was lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Move and try again.

- You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.

You have entered a number but it was not dialled

- Have you pressed the  key?
- Are you accessing the right cellular network?
- You may have set an outgoing call barring option.

Your correspondent cannot reach you

- Is your phone switched on (the  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

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

The audio quality of the call is poor

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

No number is dialled when you recall a phonebook entry

- Check that the number has been stored correctly, by using the Phonebook Search feature.
- Re-store the number, if necessary.

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

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

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

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, key in 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 the PUK (**PIN Unblocking Key**) and PUK2 codes can be changed by using **Security** menu options. See page 85 for further details.

Important! Avoid using access codes resembling emergency numbers, such as 112, so that you do not dial an emergency number accidentally.

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 factory set to "00000000."

To...	Refer to ...
Activate/deactivate the Phone Lock feature	page 86 (menu option 6.3).
Change the phone password	page 87 (menu option 6.4).

PIN

The **P**ersonal **I**dentification **N**umber or PIN (4 to 8 digits) protects your SIM card against unauthorised use. It is usually supplied with the SIM card.

If you enter an incorrect PIN three times in succession, the code is disabled and cannot be used until you re-enable it by entering the PUK (see below).

To...	Refer to...
Activate/deactivate the PIN Check feature	page 85 (menu option 6.1).
Change the PIN	page 86 (menu option 6.2)

PUK

The 8-digit PUK (**P**IN **U**nblocking **K**ey) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

To re-enable your PIN:

1. Key in 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 is displayed, key in 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, refer to page 88 (menu option **6.7**).

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. Key in 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 is displayed, key in 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

The 4-digit barring password is required when you use the Call Barring function. You need to obtain the password from your service provider when you subscribe to this function. See page 92 for further details.

Health and Safety Information

Exposure to Radio-Frequency Energy (SAR Information)

This phone meets European Union (EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured, so as not to exceed the limits for exposure to radio-frequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR (Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0W/kg.*

* The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten gram of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary depending on national reporting requirements and the network band.

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

The highest SAR value for this model phone when tested for compliance against the standard was 1.36W/kg. While there may be differences between the SAR levels of various phones and various positions, they all meet the EU requirements for RF exposure.

Precautions When Using Batteries

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

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

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

Road Safety

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

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an extra layer of convenience and safety to your wireless phone with one of the many hands-free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a To Do list or flipping through your phonebook takes your attention away from your primary responsibility, driving safely.

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

Operating Environment

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

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

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

Electronic Devices

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

Pacemakers

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

Persons with pacemakers:

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

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch off your phone in any facility where posted notices require you to do so.

Potentially Explosive Atmospheres

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

Users are advised to switch off the phone while at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.


Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

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

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

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location, for example, 112 or other official emergency number. Emergency numbers vary by location.
3. Press the  key.

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

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

Other Important Safety Information

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

Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not touch the phone with a wet hand while it is charging. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

- Do not paint 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 take full advantage of the features on 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

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

Caller Line Identification Services (Caller ID)

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

DCS

Digital cellular network standard based on the GSM network architecture. With the higher frequency range (1800 MHz for DCS instead of 900 MHz for GSM), more radio channels can be made available, thus allowing the network to support more subscribers and traffic.

Dual Band

Ability to operate with both DCS (1800 MHz) and GSM (900 MHz) networks. The phone automatically uses the network with the strongest signal and even switches networks during a call within the same operator's network.

GSM (Global System for Mobile Communication)

International standard for cellular communication, guaranteeing compatibility between the various network operators. GSM covers most European countries and many other parts of the world.

Multiparty Calling

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

Phone 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 needed.

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 (up to 160 characters long) can be displayed, received, edited or sent.

Soft Keys

Two keys ( and ) on the phone, the purpose of which:

- Varies according to the function that you are currently using.
- Is indicated on the bottom line of the display just above the corresponding key.

Voice Mail

Computerised answering service that automatically answers your calls when you are not available, plays a greeting, optionally in your own voice and records a message.

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



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





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Access the Menu Functions





- ① Press the **Menu** soft key.
- ② Scroll with the  and  keys through the list of the menus until you reach the required menu.
- ③ Press the **Select** soft key.
- ④ Scroll with the  and  keys through the list of the options until the required one is selected.
- ⑤ Press the **Select** soft key.

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

Dual Band SGH-A500 GSM Telephone Quick Reference Card

Switch On/Off	Press and hold the  key.
Make a call	① Key in the number. ② Press the  key.
End a call	Briefly press the  key.
View Missed calls immediately after missing them	① Open the folder and press the Vfwd soft key. ② Scroll with the  and  keys through the Missed calls. ③ To return the call, press the  key.



Answer a call	Open the phone or Press the  key.	Store Numbers in the Phonebook	<ol style="list-style-type: none"> ① Key in the number. ② Press the Save soft key. ③ Enter the name. ④ Press the OK soft key. ⑤ If necessary, change the location. ⑥ Press the OK soft key.
Adjust the Volume	Press the ▲ or ▼ key on the left side of the phone.		
Choose the Alert Type	<ol style="list-style-type: none"> ① Select the Alert Type menu option (3.3). ② Select an option: Light only, Melody, Vibration, Vibra+Melody. ③ Press the Select soft key. 	Search for a Number in the Phonebook	<ol style="list-style-type: none"> ① Press the Name soft key. ② Enter the start of the name. ③ Press the Search soft key. ④ To scroll through the names, press the  and  keys. ⑤ To make a call, press the  key.