

## 7. User Manual

## FCC RF EXPOSURE INFORMATION

***WARNING! Read this information before using your phone***



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

### **CAUTION**

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

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

### **Body-worn Operation**

This device was tested for typical body-worn operations with the back of the phone kept 1.0 cm. from the body. To maintain compliance with FCC RF exposure guidelines, use only belt-clips, holsters or similar accessories that maintain a 1.0 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure guidelines, and should be avoided.

## Contents

<b>Safety Precautions</b> .....	<b>5</b>
<b>Unpacking</b> .....	<b>7</b>
<b>Your Phone</b> .....	<b>8</b>
Phone Layout .....	8
Display .....	10
Service Light .....	12
<b>Getting Started</b> .....	<b>13</b>
Installing the SIM Card and the Battery .....	13
Charging a Battery .....	16
Switching the Phone On/Off .....	18
<b>Call Functions</b> .....	<b>20</b>
Making a Call .....	20
Adjusting the Volume .....	22
Answering a Call .....	23
Viewing Missed Calls .....	24
In-Call Options .....	26
<b>Entering Text</b> .....	<b>33</b>
Changing Text Input Mode .....	34
T9 Mode .....	35
ABC Mode .....	36
Symbol Mode .....	38
Number Mode .....	38
<b>Phone Book</b> .....	<b>39</b>
Storing a Phone Number with a Name .....	39
Phonebook Options .....	40
Searching for and Dialling a Number in the Phonebook .....	44
<b>Selecting Functions and Options</b> .....	<b>46</b>



## Contents (Continued)

### Using the Menu ..... 50

Accessing a Menu Function by Scrolling	50
Accessing a Menu Function by Using its shortcut	51
List of Menu Functions	52

### Call Records ..... 57

Missed Calls (Menu 1-1)	57
Received Calls (Menu 1-2)	57
Dialled Calls (Menu 1-3)	58
Call Time (Menu 1-4)	58
Call Cost (Menu 1-5)	59

### Messages ..... 60

Voice Mail (Menu 2-1)	60
Read Messages (Menu 2-2)	61
Write Messages (Menu 2-3)	63
Preset Message List (Menu 2-4)	64
Setup (Menu 2-5)	64
Broadcast (Menu 2-6)	65

### Voice Functions ..... 67

Voice Dial (Menu 3-1)	67
Voice Command (Menu 3-2)	70
Voice Memo (Menu 3-3)	70
AnswerPhone (Menu 3-4)	72

### Tones ..... 73

Ring Tone (Menu 4-1)	73
Melody Composer (Menu 4-2)	74
Ring Volume (Menu 4-3)	76
Alert Type (Menu 4-4)	76
Keypad Tone (Menu 4-5)	77
Message Tone (Menu 4-6)	77

Error Tone (Menu 4-7)	78
Minute Minder (Menu 4-8)	78
Connect Tone (Menu 4-9)	78

### Settings ..... 79

Phone Settings (Menu 5-1)	79
Network Services (Menu 5-2)	85
Security Settings (Menu 5-3)	94
LCD Settings (Menu 5-4)	97
Browser Settings (Menu 5-5)	98

### Organizer ..... 99

Scheduler (Menu 6-1)	99
Alarm (Menu 6-2)	101
Calculator (Menu 6-3)	103
To Do List (Menu 6-4)	105
Calendar (Menu 6-5)	106
World Time (Menu 6-6)	107
Clock (Menu 6-7)	108

### Games ..... 109

### WWW Services ..... 110

Launching the Browser	110
Navigating the Browser	111
Network Connecting Information	113

### Additional Services..... 114

ALS(Alternate Line Service)	114
-----------------------------	-----

### Solving Problems ..... 116

### Reference information ..... 119

Access Codes	119
Using the Batteries	122
Safety Information	124

### Glossary ..... 128

### Index ..... 132

## Safety Precautions

Read these simple guidelines. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see "Safety Information" on page 124.

### **Road safety comes first**

Do not use a hand-held phone while driving; park the vehicle first. Remember that in some countries, it is illegal to use a hand-held phone while driving.

### **Switch off when refuelling**

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

### **Switch off in aircraft**

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

### **Switch off in hospital**

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

### **Respect special regulations**

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 (in a hospital for example).

### **Interference**

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

**Safety Precautions**


**Use qualified servicing**

Only qualified service personnel must repair equipment.

**Use sensibly**

Use only in the normal position (to the ear). Do not touch the antenna unnecessarily when the phone is switched on.

**Emergency calls**

Ensure the phone is switched on and in service. Enter the emergency number (112 or another official emergency number) and press . Give your location. Do not end the call until told to do so.

**Non-ionising Radiation**

No part of the human body should come into contact with the antenna during normal operation.

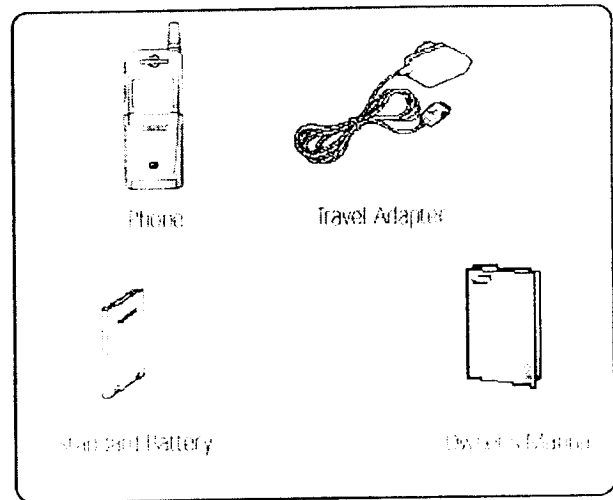
**IMPORTANT!** Only SAMSUNG approved accessories and batteries should be used with this product. The use of any other power accessory will invalidate any approval or warranty applying to the phone, and may be dangerous.

**CAUTION**

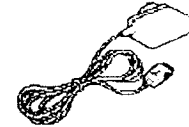
Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

**Unpacking**

Your package contains the following items:



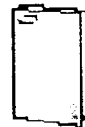
Phone



Travel Adapter



Standard Battery



Quick Start Manual

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

- Cigarette lighter adapter (CLA12)
- Hands-free car kit (HK-N100)
- Slim and Standard batteries (B1N10, B1SN10)
- Data kit (PC00632)
- Earphone (EP010)\*
- Desktop charger (DTC-N10)\*

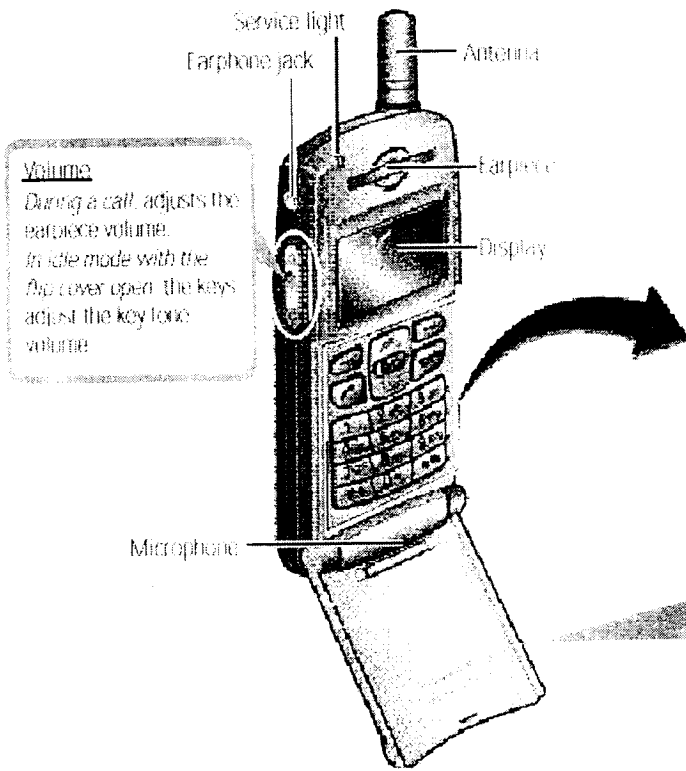
\* Depending on the country, it may be supplied in the standard package.

# Your Phone








Your Phone

## Phone Layout

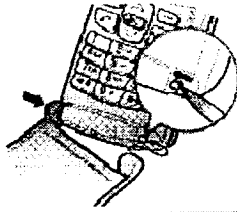
The following illustration shows the main elements of your phone:



**Volume**  
During a call, adjusts the earpiece volume.  
In idle mode with the flip cover open, the keys adjust the key tone volume.

-  **Soft keys** perform the functions indicated by the text above them (in the bottom line of the display).
-  **Menu browse keys.** In the menu facility, scrolls through the menu options and phonebook memory.
-  Deletes characters from the display.  
In idle mode, allows you to quick access to the WWW services menu.
-  Makes or answers a call.  
In idle mode, recalls the last number dialed.  
In the menu facility, selects a menu function or stores information that you have entered (such as a name) in the phone or SIM memory.
-  Ends a call. Also switches the phone on and off when pressed and held.  
In the menu facility, returns to the idle mode and cancels your input.
-  Enters numbers, letters and some special characters.
-  Used for various purposes in different functions.

**Flip cover**  
If the flip cover is detached from the phone either accidentally or on purpose, it can be clipped back on to the phone.

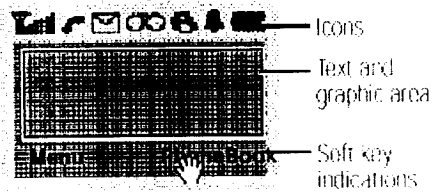


Your Phone

Display

Display Layout

The display comprises three areas.



Area	Description
First line	Displays various icons (see opposite)
Middle lines	Display messages, instructions and any information that you enter (number to be dialled, for example).
Last line	When the flip cover is open it shows the functions currently assigned to the two soft keys.  When flip cover is closed it is blank or shows text to indicate when divert is set.

Your Phone

Icons

-  **Signal strength:** Shows the received signal strength. The greater the number of bars, the better the signal strength.
-  **Service:** Appears when a call is in progress.
-  **New Message:** Appears when a new text message has been received.
-  **New Voice Mail:** Appears when a new voice mail message has been received.
-  **Vibrator on:** Appears when the vibrate mode is on. An incoming call will vibrate the phone rather than ring it.
-  **Alarm on:** Appears when you set an alarm.
-  **Battery strength:** Shows the level of your battery. The more bars you see, the more power you have left.





## Your Phone

**Backlight**

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


To specify the length of time for which the backlight is active, set the **Backlight** menu option (**5-1-5**); see page 81 for further details.

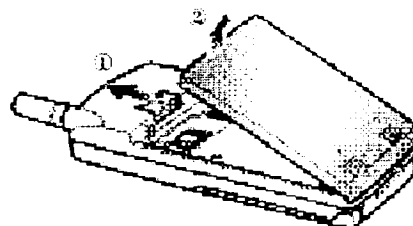
**Service Light**

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

To activate or deactivate use of the service light, set the **Service Light** menu option (**5-1-6**); see page 82 for further details.

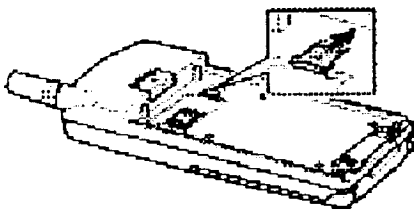
**Getting Started****Installing the SIM Card and the Battery**

- Keep all miniature SIM cards out of the reach of small children.
  - The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
  - Before installing the SIM card, always make sure that the phone is switched off and then remove the battery.
1. If necessary, switch off the phone by holding down  until the **Bye Bye** message is displayed.
  2. Remove the battery. To do so, pull/push the catch above the battery on the back of the phone (1), and lift the battery away (2).

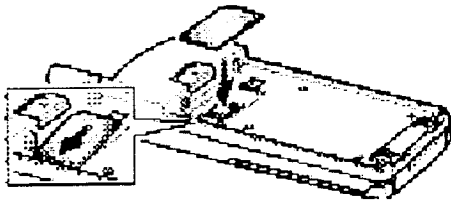


Getting Started

3. Slide the SIM card lock back and hold it in position.



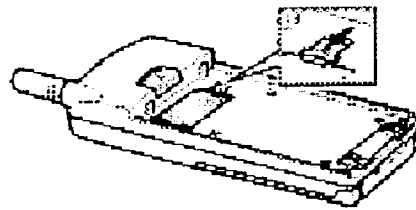
4. Insert the SIM card ensuring that the cut corner is top right and the gold contacts of the card face into the phone.



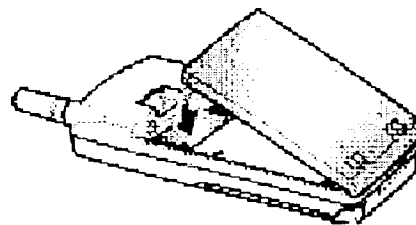
**Note:** If you need to remove the SIM card, carefully slide the SIM card lock back and then lift the SIM card out of the SIM card slot.

Getting Started

5. Hold the SIM card in position and release the card lock back to lock the SIM card into place.



6. Place the battery back on the phone. First insert the teeth on the bottom of the battery into the corresponding slots, then push the battery against the back of the phone until it clicks into place. Make sure the battery is properly installed before switching on the power.



**Getting Started**

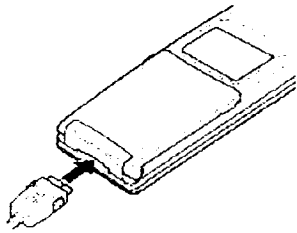
**Charging a Battery**

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

The phone can be used while the battery is charging.

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

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



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

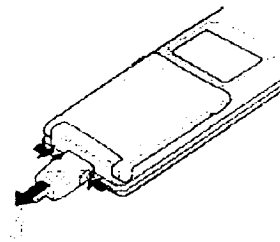
When the battery is charging, the battery icon in the top right-hand corner of the display fills repeatedly.



**Getting Started**

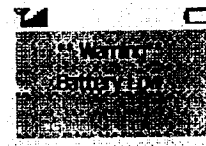
3. When charging is finished, disconnect the adapter from the power outlet.

Disconnect the adapter from the phone by pressing the grey tabs on either side of the connector and pulling the connector out.



**Low Battery Indicator**

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




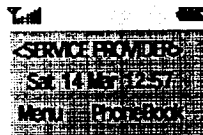
When the battery becomes too weak for the phone to operate, it switches off automatically.

**Getting Started**


**Getting Started**

**Switching the Phone On/Off**

1. Open the flip cover.
2. Hold down  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 password is factory set to 0000. For further details, see page 119.
4. If the phone asks for a PIN, key in the PIN and press the **Ok** soft key. For further details, see page 120.  
The idle screen, illustrated below, is displayed.



**Note:** The display language is determined by the SIM card inserted. To change the language, use the **Language** menu option (**5-1-3**); for further details, refer to page 80.


5. When you wish to switch the phone off, hold down  for more than two seconds.



# Call Functions


Call Functions

## Making a Call






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

**Note:** If you have set the **Auto Redial** option (5-1-7) to **ON** (see page 82) and the person called does not answer or the line is busy, the number is redialled automatically up to ten times.


## International Calls

1. Press and hold down the **0** key for the international prefix. The + character appears.
2. Key in the country code, area code and phone number and press .

## Correcting the Number

To clear...	Then...
The last digit displayed	Press the  soft key
Any other digit in the number	Press  or  key until the cursor ( ) is immediately to the right of the digit to be cleared. Press the  soft key
The whole display	Hold down the  soft key for more than one second.

## Ending a Call

When you have finished your call, briefly press .

## Making a Call using the Phonebook

You can store the names and phone numbers called regularly in the SIM card and phone memory, called the phonebook. You then simply select the required name to recall the associated number. For further details on the Phonebook feature, refer to page 39.


Quick dialling with the SIM location number press and hold the associated digit key for the SIM location 2 through 9.

## Voice Dialling

If you have set the **Active Flip** option (5-1-8) to **ON** (see page 83), your phone also allows you to say a name when you open the flip cover. It then automatically dials the number stored with that name. For further details on the Voice Dialling feature, refer to page 67.





## Last Number Redial

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



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

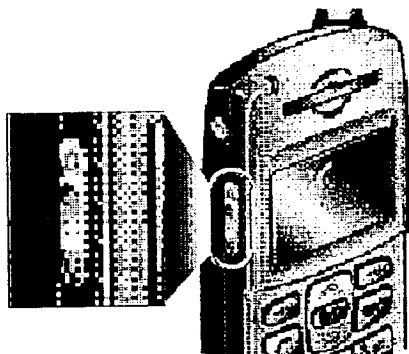


Call Functions

2. Press  to access the list of last-dialled numbers.
3. Use  or  to scroll through the Redial list until the required number is displayed.
4. Press  to dial the number displayed.

### Adjusting the Volume

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



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

Call Functions


### 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, only the phone icon flashes.

**Note:** If your service provider supports CPHS and the caller withheld his(her) phone number, the phone displays "Anonymous" on the screen.

1. If necessary, open the flip cover. Press  or the **Accept** soft key.

If the **Any-key Answer** menu option (5-1-4) is set to **ON**, you can press any key without opening the flip to answer a call except for  and the **Reject** soft key (see page 81).

**Note:** To reject an incoming call, press the **Reject** soft key or . If the **Any-key Answer** menu option (5-1-4) is set to **OFF**, you can reject the call by pressing  or  on the left side of the phone.

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

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

Call Functions

Call Functions

### Viewing Missed Calls




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

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



To view the missed call immediately, proceed as follows.


- |                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>1. If the flip cover is...</b> | <b>Then...</b>                  |
| Closed                            | Open the flip cover.            |
| Open                              | Press the <b>View</b> soft key. |

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



- |                                     |   |
|-------------------------------------|---|
| <b>2. To...</b>                     | <b>Then press the...</b>  |
| Scroll through the missed calls     |  or  key. |
| Call the number displayed           |  key.  |
| Edit or delete a missed call number | <b>Options</b> soft key (see the following paragraphs).   |


### Editing a Missed Call Number

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

- |                  |  |
|------------------|--|
| <b>4. To...</b>  | <b>Then press the...</b>   |
| Call the number  |  key.               |
| Store the number | <b>Save</b> soft key and enter the name and location required (for further details, refer to page 39). |

### Deleting a Missed Call

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

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

**Note:** You can access the Missed Call feature at any time by selecting the **Missed Calls** menu option (1-1); for further details, see page 57.



**Call Functions**

**In-Call Options**



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

**Switching the Microphone Off (Mute)**

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



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

**To switch the microphone off temporarily, proceed as follows.**

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

Your correspondent can no longer hear you.

**To switch the microphone back on, proceed as follows.**

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



Your correspondent can hear you again.



**Call Functions**

**Searching for a Number in the Phonebook**

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

1. Press the **Options** soft key.
2. Press  or  to highlight the **Phonebook** option.
3. Press the **Ok** soft key.
4. Enter the start of the name that you want 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.

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

For a more detailed description of the Phonebook feature, refer to page 39.






**Call Functions**

**Putting a Call on Hold**

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

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

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


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

**Or alternatively, proceed as follows.**

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

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

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

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




**Call Functions**


**Answering a Second Call**

You can answer an incoming call while you have a call in progress, if this service is supported by the network and if you have set the **Call Waiting** menu option (**S-2-3**) to **Active** (see page 31). You will be notified of an incoming call by a call waiting tone.

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

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

If you want to end a hold call, press the **Options** soft key and select the **End held** option.

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



Call Functions

### 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 required.

#### Having a Private Conversation With One Participant

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



Call Functions

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

#### Dropping One Participant

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



**Call Functions**

**Muting/Sending Key Tones**

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

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

**Using the SMS Service**



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


After you have finished your call, you can read to the message; refer to page 61 for further details.

**Entering Text**

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

You are provided with the following text input modes:

- **T9:** This mode allows you to enter English words with only one key press per letter. Each key on a keypad has more than one letter. A single press on  could be J, K or L. The **T9**(English) mode automatically compares your key presses to an internal linguistic database to determine the correct word. The **T9**(English) mode requires far fewer keystrokes than the traditional multi-tap method. **ABC** mode.
- **ABC:** This mode allows you to enter letters by pressing the key labelled with the desired letter once, twice, or three times until the letter appears on the display.
- **Symbol:** This mode allows you to enter special characters.
- **Number:**  This mode allows you to enter numbers.

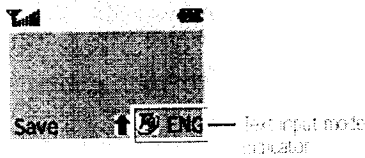
 is a registered trademark of Tegic Communications, Inc. and is licensed under U.S. Patent 6,732,963.



Entering Text

**Changing Text Input Mode**

1. When you are in a field that allows characters entry, you should notice the text input mode indicator in the lower right corner of the display.



2. Press the right soft key. The modes available are displayed.
3. Scroll to the desired mode, then press the **Select** soft key.



Entering Text

**T9 Mode**

T9 predictive text input allows you to enter words easily with a minimum of key presses. As you press each key the phone selects a letter that makes up a word that it thinks you are trying to type, based on a built-in dictionary. As a new letter is added the word changes based on the key you have pressed.

1. When you are in the T9 predictive text input, start writing a word by using keys to . Press each key only once for one letter.

For example, to enter "hello" in the **T9 English** mode, press , , , and .


2. The word you are typing appears in the display. It may change with each key you press.
3. Type to the end of the word before adding or deleting any keystrokes.
4. Complete each word with a space by pressing .
5. If the word is correct, start writing the next word.

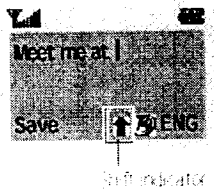
If the word is not correct, press one or more times to display alternate word choices for the keys you have typed. (For example, "of" and "me" both share the sequence , . The phone displays the most commonly used choice first.)


- To type words not found in the T9 mode, change the text input mode to the **ABC** mode.
- To delete a character, press . Press and hold to erase entire words.






**Entering Text**


- There are three shift states: Lower Case (no shift indicator), Initial Cap (↑ indicator appears), and Caps Lock (↑ indicator appears). Press  one or more times to display the appropriate shift indicator, and begin typing normally.






**Note:** If you want to exit the text input mode without saving your input, press . The phone goes back to the previous menu level.

**ABC Mode**

























Use the keys labelled with letters (  -  ) to write with. Press once for the first labelled letter, twice for the second and three times for the third etc. Pressing  brings up a list of special characters. See the table on page 37 for more information on the characters available using the keys.

- There are three shift states: Lower Case (no shift indicator), Initial Cap (↑ indicator appears), and Caps Lock (↑ indicator appears). Press  one or more times to display the appropriate shift indicator on the bottom of the display, and begin typing normally.

**Entering Text**

- To insert a space, press .
- If you make a mistake, you can remove characters to the left of the cursor by pressing  as many times as necessary. Pressing and holding  clears the screen.
- 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.

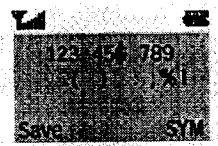
**List of characters available:**

Key	Characters in the order displayed	
	Lower Case	Upper Case
	0 1 2 3 4 5 6 7 8 9 *	0 1 2 3 4 5 6 7 8 9 *
	! @ # \$ % ^ & * ( ) _ + =	! @ # \$ % ^ & * ( ) _ + =
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `
	~ ` ~ ` ~ ` ~ ` ~ ` ~ `	~ ` ~ ` ~ ` ~ ` ~ ` ~ `

Entering Text

### Symbol Mode

The Symbol Mode enables you to enter various symbols into a text message.



To scroll through the symbols available, press or (or the volume keys on the left side of the phone). Press number keys corresponding to the desired mark, then the phone automatically switches back to the text entry mode used just prior to selecting the SymbolMode.

### Number Mode

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

## Phone Book

You can store phone numbers and their associated 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 Phone Book.

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


**Notes:**

- If you make a mistake while entering a number, correct it using the soft key. For further details, refer to page 20.
- To insert a dialling pause for special phone services, such as banking by phone, hold down , 'P' is displayed to indicate the pause.


3. Enter the associated name (the maximum length depends on your SIM card). For information on how to enter a name, see page 33.
4. When you are satisfied, press the **Save** soft key. The phone now displays the first free location in the SIM card for you to save the number and name. If the card memory is full, the first free location in the phone memory is displayed.

Phone Book

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

To exit, press .

**Phonebook Options**



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

**Accessing the Options**

To access the various phonebook options, proceed as follows:

1. Press the **Options** soft key.  
The first available option is highlighted.

Phone Book

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>2. <b>To...</b><br/>Select the highlighted option.<br/><br/>Highlight a different option.</li> </ol> | <p><b>Then press the...</b></p> <p><b>Select</b> soft key<br/><br/> or  key ONE OR more times until the required option is highlighted.</p> |
|---|---|

**Voice Record**

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

Allows you to add a voice tag to the number.

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

**Play Voice**

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


Plays back the names that you have recorded.



Phone Book

**Voice Delete**


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

Allows you to delete a specific voice .

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

**Paste**

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

Use the **←** soft key to change the number as required (refer to page 20 for further details). When you are ready to dial, press .

**Edit**

Allows you to edit a number and name stored in the phonebook.

**Erase**

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.

Phone Book

**Copy**

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

**Memory Status**

You can check how many names and phone numbers are stored and how many locations are still free in the card memory and phone memory.

**Alert**

Allows you to set a ringing tone on a number stored by the phone. You can select the required ringing tone from several tones. When this number calls you, the phone rings with this ringing tone.





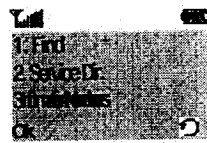
Phone Book

Phone Book

**Searching for and Dialing a Number in the Phonebook**

1. When the idle screen is displayed, press the **PhoneBook** soft key.
2. If your SIM card provides with Service Dialling Number (SDN) and Information Numbers services, you will see the following screen.

If your SIM card does not provide these services, go to step 3.



Select **Find** pressing or if necessary and press the **OK** soft key.

- **Service Dir.** enables you to view the Service Directory and make calls from it.
- **Information Numbers** enables you to look the Information Numbers in a tree structure and make a call with the number.

**Note:** Service Dir. and Information Numbers options may not appear depending on your SIM card.

3. Enter the start of the name that you want to find and press the **Find** soft key.

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

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

4. **To...** **Then 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

5. Once you have found the required entry, press to dial the number

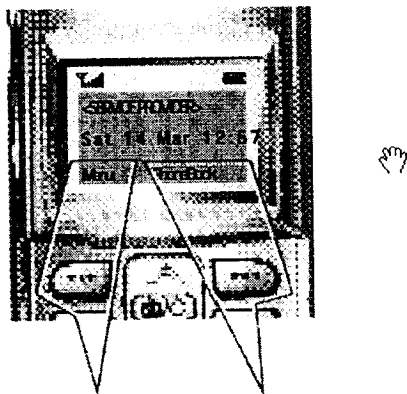


## Selecting Functions and Options

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 . Each menu and sub-menu allows you to view and alter the settings of a particular function.

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

### Example:







Press the left soft key to access the Menu functions.

Press the right soft key to access the PhoneBook feature.

### Selecting functions and Options

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

- |   |   |
|---|---|
| 1. Press the appropriate soft key                             |   |
| 2. <b>To...</b>   | <b>Then press the...</b>  |
| Select the:   | Left soft key   |
| • Function displayed  |   |
| • <u>Option highlighted</u>                                   |   |
| View the next function or highlight the next option in a list |  key   |
| Move back to the previous function or option in a list        |  key |
| Move back up one level in the structure                       | Right soft key  |
| Exit the structure without changing the settings              |  key |

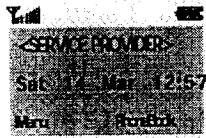
In some functions, you may be asked for a password or PIN. Enter the required code and press .



Selecting Functions and Options


**Example: Adjusting Ring Volume**

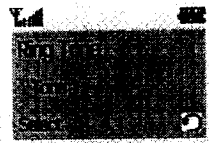
1. When the idle screen is displayed, press the **Menu** soft key to enter the menu facility.




2. Scroll through the menus until you reach the **Tones** menu, by pressing **Left**.




3. To select the **Tones** menu, press the **Select** soft key for .





Selecting Functions and Options

4. To select the **Ring Tone** menu, press the **Select** soft key (or ). The current setting is highlighted within square brackets.



5. Scroll through the list of tones until the appropriate one is highlighted, by pressing **Up** . You hear the corresponding ring tones as you scroll.

6. Press the **Select** soft key to confirm your selection.

7. Press the  soft key twice to exit the menu structure or press  key.



# Using the Menu

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

The menus and submenus can be accessed by scrolling or by using the shortcuts.

## Accessing a Menu Function by Scrolling

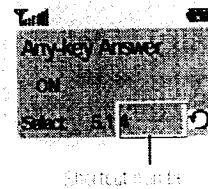
1. In idle mode, press the **Menu** soft key to access the menu facility. Scroll with or to reach the desired main menu, e.g. **Tones**. Press the **Select** soft key to enter the menu.
2. If the menu contains any submenus, for example **Ring Tone**, find the one you want by scrolling with or . Press the **Select** soft key to enter the submenu.
3. If the menu you have selected contains submenus, repeat this step.
4. Scroll with or to find the setting of your choice. Press the **Ok** soft key to confirm the chosen setting.

**Notes:**

- You can return to the previous menu level by pressing the soft key.
- You can exit the menu without changing the menu settings by pressing .

## Accessing a Menu Function by Using its Shortcut

The menu items (menu, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number. The shortcut number is shown at the bottom of the display, next to the soft key.



1. In idle mode, press the **Menu** soft key.
2. Within three seconds, key in the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example: Setting the **Any-key Answer** function

Press the **Menu** soft key, and key in .

**Menu** for entering the menu, **5** for **Settings**, **1** for **Phone Settings**, **4** for **Any-key Answer** menu function and **2** to set the Any-key Answer **ON**.

**Note:** The numbers assigned to each menu function are indicated on the list on page 52. They may not match the menu number on the phone. It depends on the services supported by the SIM.

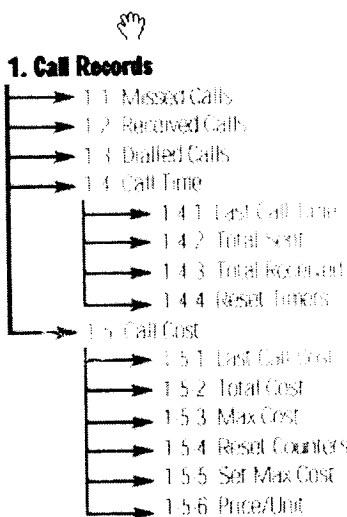


## List of Menu Functions

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

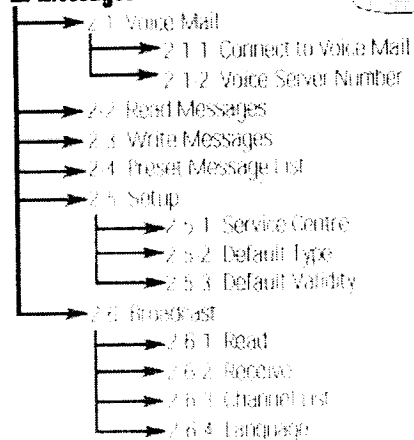


Page 57



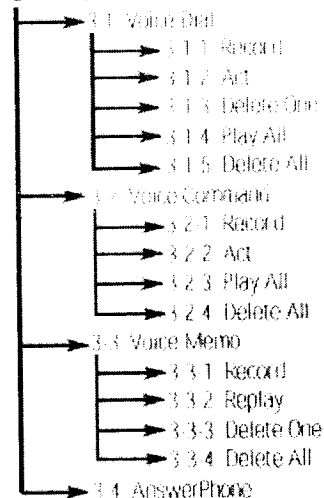
## 2. Messages

Page 60



## 3. Voice Functions

Page 67



Not available if supported by user's SIM card

Using the Menu

**4. Tones**

- 4.1 Ring Tone
- 4.2 Melody Composer
- 4.3 Ring Volume
- 4.4 Alert Type
- 4.5 Keypad Tone
- 4.6 Message Tone
- 4.7 Error Tone
- 4.8 Minute Minder
- 4.9 Connect Tone

Page 73



**5. Settings**

- 5.1 Phone Settings
  - 5.1.1 Greeting Message
  - 5.1.2 Own Number
  - 5.1.3 Language
    - 5.1.3.1 Text Language
    - 5.1.3.2 Voice Language
    - 5.1.3.3 Input Mode
  - 5.1.4 Any key Answer
  - 5.1.5 Backlight
  - 5.1.6 Service Light
  - 5.1.7 Auto Redial
  - 5.1.8 Auto Answer
  - 5.1.9 Caller ID
  - 5.1.10 Active Flip
  - 5.1.11 Reset Settings
  - 5.1.12 Active Line
- 5.2 Network Services
  - 5.2.1 Call Diverting
  - 5.2.2 Call Barring
  - 5.2.3 Call Waiting
  - 5.2.4 Network Selection
  - 5.2.5 Line Identification
  - 5.2.6 Closed User Group

Page 79



Using the Menu

**5. Settings (continued)**

- 5.3 Security Settings
  - 5.3.1 PIN Check
  - 5.3.2 Change PIN
  - 5.3.3 Erase Lock
  - 5.3.4 Change Password
  - 5.3.5 SIM Lock
  - 5.3.6 FDN Mode
  - 5.3.7 Change PIN2
- 5.4 LCD Settings
  - 5.4.1 Screen Mode
  - 5.4.2 Select Image
  - 5.4.3 LCD Contrast
- 5.5 Browser Settings
  - 5.5.1 Proxy Setting
  - 5.5.2 Current Proxy

**6. Organizer**

- 6.1 Reminder
- 6.2 Alarm
- 6.3 Calculator
- 6.4 To Do List
- 6.5 Calendar
- 6.6 World Time
- 6.7 Clock
  - 6.7.1 Set Time
  - 6.7.2 Set Date
  - 6.7.3 Format

Page 99



Phone only. Does not work with SIM card.  
 Not available in all areas. Operated by your network service provider.



**Using the Menu**

**7. Games**

Using this menu you can enjoy popular games with the phone.

Page 109



**8. WWW Service**

The contents on the browser may vary depending on the service provider.

Page 110



**Call Records**

Via this menu, you can view the phone calls:

- Missed
- Received
- Dialed

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

**Missed Calls** Menu 1.1

Lets you view the last 10 unanswered calls. You can also:

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

**Received Calls** Menu 1.2

Lets you view the last 10 phone calls received. You can also:

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



**Call Records**

**Call Records**

**Dialled Calls**

Menu 1-3

Lets you view the last 10 numbers dialed.  
You can also:

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

**Call Time**

Menu 1-4

Lets you view the timers for calls made and received.  
The following timers are available:

**Last Call Time:** length of the last call

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

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

You can use the **Reset Timers** option to reset the call timers. you must first enter the phone password (see page 119) and then press the **Ok** soft key.

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

**Call Cost**

Menu 1-5

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

**Last Call Cost:** cost of the last call made.

**Total Cost:** total cost of all calls made since the cost counter was last reset. If the total cost exceeds the maximum cost set via the **Set Max Cost** option, you will no longer be able to make any calls until you reset the counter (does not affect calls to the emergency services).

**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 94) 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 the unit. this price per unit is applied when calculating the cost of your calls.





# Messages



## Messages

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

When the icon appears, you have received new text messages; when the icon appears, you have received voice mail. 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 (2-2) to delete obsolete messages.

### Voice Mail

Menu 2-1

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

#### Connect to Voice Mail

Before using this feature, you must enter the voice server number obtained from your service provider (see the following page). You can then select this option and simply press the **Ok** soft key to listen to your messages.

**Note:** If you press and hold when the phone is in idle mode, you can access your voice mail server directly.

### Voice Server Number

You can change the voice mail server number.

To...	Then press the...
Enter the server number	Corresponding number key.
Recall a number in the phonebook	<b>PhoneBook</b> soft key.
Correct a digit	soft key.
Move the cursor without clearing the digit	or  key.

**Note:** See page 39 for instructions on how to use the phonebook.

### Read Messages

Menu 2-2

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

- Message number
- Message status (New, Old, Not sent, Sent)



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

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



87

Messages

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

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

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

**Call back:** allows you to call the sender back

**Delete:** allows you to delete obsolete messages

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

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

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

**Note:** The options available vary, depending on the message status (New/Old, Not sent, Sent).



Messages

**Write Messages**

Menu 2-3

Within the **Write Messages** menu you can write and edit text messages of up to 160 characters.

1. In the **Messages** menu, scroll to the **Write Messages** and press the **Select** soft key.
2. Key in a message. For details on how to enter text, refer to page 33.
3. After you complete the message, you can select the following options:

**Send Only:** allows you to

- Enter the required destination
- Enter or change the SMS centre number
- Select the message format (Text, Voice, or Fax)
- Set the time period for which the message is stored at the message centre while attempts are made to deliver it

**Note:** If you have set up the **Setup** menu (see page 64), your phone only prompts you for the destination.

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



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



Messages

**Preset Message List**

Menu 2-4

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 using  or . When the required message number appears, press the **Options** soft key.

The following options are available:

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

**Note:** For further information on how to enter text in your message, refer to page 33.

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

**Delete:** allows you to delete the selected preset message.

**Setup**

Menu 2-5

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

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

Messages

**Default Type:** allows you to set the default message type (Text, Voice, Fax, X.400, Email, and ERMES). The network can convert the message into the selected format.


**Default Validity:** allows you to set the default time period for which your messages are stored in the SMS centre while attempts are made to deliver them. Possible values are one hour, 6 hours, 24 hours, one week and the maximum authorised by your service provider.

**Broadcast**

Menu 2-6

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

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

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

**Note:** If you have messages, the vibrator or divert indicator may not be shown.

