

CMCS GSM/GPRS Phone

# Mozart

---

User Guide





# **Copyright Statement**

Copyright 2002 by CMCS. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission of CMCS.

# **Disclaimer**

CMCS makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties, merchantability or fitness for any particular purpose. Further, CMCS reserves the right to revise this publication and to make changes from time to time in the contents hereof without obligation of CMCS to notify any person of such revision or changes.

**ALL INFORMATION IS PROVIDED BY CMCS ON AN "AS IS" BASIS ONLY. CMCS PROVIDES NO REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY AND NONINFRINGEMENT.**

# Important Safety Precautions

When using this product, the safety precautions below must be taken against possible legal issues and damages.



## SAFETY IN AIRCRAFT

The interference would be caused by this product to an aircraft's navigation system and its network. In most countries, using this product on board an airplane is against the law.



## SAFETY FOR ENVIRONMENTS

Do not use this product in gas stations. Also the use of this product is prohibited in fuel storehouse, chemical plants and locations containing explosives.



## SAFETY ON THE ROAD

Vehicle drivers in motion are not permitted to use telephony services with the handheld device, except in the case of emergency. In some countries, using hand-free devices as an alternative is allowed.



## SAFETY ABOUT RADIATION

This product should be operated in the suggested normal condition only to ensure the radiative performance and safety of the interference. When using the product, keep a distance of 5 mm from your body to eliminate possible electromagnetic effects.



## SAFETY FOR MEDICAL EQUIPMENTS

This product may cause malfunctions of medical equipments. In most hospital or medical centers, the use of this product is forbidden.

## Attention



There are no user serviceable parts inside this product. If this product appears to be broken, call a qualified service personnel or send this product to your original dealer. Do not attempt to disassemble or repair this product as it may result in electric shock or unrecoverable damage to the product itself.



Keep this product out of reach of small children.



Store this product in its protective case in a cool dry place.

## Tips When Using

- Avoid using the product near metal structures (for example, large metal furniture or steel frames of a building). The transmission and reception of signal can be effected by these objects.
- Avoid using the product near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Avoid using the product right after dramatic change of temperature.

# FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: QDJ-0208MZT01

Statement according FCC part 15.21

Modifications not expressly approved by CMCS could void the user's authority to operate the equipment.

Statement according FCC part 15.105

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## RF exposure

Tests for SAR are conducted using standard operating positions specified by the FCC 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 operation 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 wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. (Body-worn measurements may differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR

levels of various phones and at various positions, they all meet the government requirement for safe exposure.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 15mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

## Health and Safety Information

### Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

- \* American National Standards Institute (ANSI) IEEE. C95.1-1992
- \* National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- \* International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- \* Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg \*.

\* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

<Blank Page>

# Table of Contents

<b>Making Your First Call .....</b>	<b>1</b>
Installing SIM card .....	2
Installing and charging the battery .....	3
Turning on the phone .....	5
Dialing the number .....	6
Ending the call .....	6
<b>Introduction to Your Phone .....</b>	<b>7</b>
Parts of your phone and their names .....	8
Front view .....	8
Top view .....	9
Bottom view .....	9
Rear view .....	9
Icons on the screen .....	10
The keys on the phone .....	12
Function keys .....	12
Alphanumeric keys .....	13
<b>Basic Operations .....</b>	<b>14</b>
Turning on the phone .....	15
Turning off the phone .....	15
Making a call .....	15
Making an emergency call .....	16
Answering a call .....	17
Ending a call .....	17
Missed call message .....	17
Adjusting earpiece volume .....	17

Selecting sound profile .....	17
Options during a call .....	17
Making a new call .....	18
Answering a new incoming call .....	18
Transmitting DTMF tones .....	18
Ending calls .....	18
Consulting Phone Book .....	19
Accessing Main Menu .....	19
Muting/unmuting the microphone .....	19
Holding/unholding a call .....	19
Listening to your voice mail .....	20
Reading messages .....	20
Entering Text .....	20
Selecting an input mode .....	21
Entering text .....	21
Erasing text .....	22
Using key lock .....	22
<b>Phone Book .....</b>	<b>23</b>
Adding a Phone Book entry .....	24
Method 1 .....	24
Method 2 .....	24
Method 3 .....	24
Searching for a Phone Book entry .....	24
Editing a Phone Book entry .....	24
Editing name .....	24
Editing number .....	25
Adding new phone number to existing entries .....	25
Changing caller group .....	25
Sending a entry as business card .....	25
Assigning default phone number .....	26

Changing the type of number .....	26
<b>Sending messages from Phone Book .....</b>	<b>26</b>
<b>Erasing Phone Book entry .....</b>	<b>26</b>
Method 1 .....	26
Method 2 .....	27
<b>Copying Phone Book entry .....</b>	<b>27</b>
Method 1 .....	27
Method 2 .....	27
<b>Setting up Speed Dial .....</b>	<b>27</b>
Method 1 .....	28
Method 2 .....	28
Viewing speed dial number .....	28
Changing speed dial number .....	28
Erasing speed dial number .....	28
<b>Setting up Caller Group .....</b>	<b>28</b>
Creating a new Caller Group .....	29
Renaming a Caller Group .....	29
<b>Miscellaneous settings .....</b>	<b>29</b>
Personal number .....	29
Adding a personal number .....	29
Editing personal number .....	29
Erasing personal number .....	30
Your own business card .....	30
Creating your own business card .....	30
Viewing your business card .....	30
Sending your business card .....	30
Editing your business card .....	30
Erasing your business card .....	31
Fixed dial number .....	31

Activating Fixed dial .....	31
Adding new Fixed dial number .....	31
Viewing Fixed dial number .....	31
Editing Fixed dial number .....	31
Erasing Fix dial number .....	31
Phone Book memory setting .....	32
Selecting Phone Book memory .....	32
Checking Phone Book memory status .....	32
<b>The Main Menu .....</b>	<b>33</b>
<b>    Overview .....</b>	<b>34</b>
<b>    Message .....</b>	<b>35</b>
Writing and sending new messages .....	35
Viewing sent messages .....	36
Receiving messages .....	36
Viewing received messages .....	36
Chatroom .....	37
Opening a new chat session .....	38
Options during a chat session .....	38
Customizing templates .....	38
Customizing message template .....	38
Erasing customized message template .....	39
Sending a message from templates .....	39
Erasing all messages .....	39
Message settings .....	39
Configuring message setting profiles .....	39
Using the profile on your SIM card .....	39
Configuring a new profile .....	39

Using a configured profile .....	40
Configuring voice mailbox number .....	40
Message options .....	40
Message status report .....	40
Reply path .....	41
Send by GSM or GPRS .....	41
Checking message memory status .....	41
Cell broadcast options .....	42
Turning on or off cell broadcast .....	42
Setting up cell broadcast topics .....	42
Sending message service commands .....	42
<b>Call Meter .....</b>	<b>43</b>
Viewing missed call records .....	43
Viewing received call records .....	43
Viewing dialed call records .....	43
Erasing all call records .....	43
Viewing call time information .....	44
Clearing call timer .....	44
Viewing call cost information .....	44
Viewing call cost .....	44
Clearing call cost .....	44
Viewing remaining call cost credit .....	45
Configuring call cost settings .....	45
Viewing GPRS related information .....	45
GPRS data .....	45
GPRS data counter .....	45
Clearing GPRS data counter .....	46
GPRS connection time .....	46
GPRS timer .....	46

Clearing GPRS timer .....	46
Incall count .....	46
Session information .....	47
<b>Call Feature .....</b>	<b>48</b>
Call divert .....	48
Diverting voice calls .....	48
Deactivating voice call divert function .....	48
Inquiring status .....	48
Diverting data or fax calls .....	49
Deactivating data or fax call divert function .....	49
Inquiring status .....	49
Deactivating all call divert functions .....	49
Call waiting .....	49
Deactivating call waiting .....	49
Inquiring status .....	50
Call barring .....	50
Barring outgoing calls .....	50
Cancel barring of outgoing calls .....	50
Inquiring status .....	50
Barring incoming calls .....	50
Cancel barring of incoming calls .....	51
Inquiring status .....	51
Cancel all call barring functions .....	51
Changing network code .....	51
Showing/hiding your number .....	51
Selecting a phone line to use .....	52
Anykey answer .....	52
Auto redial .....	52

Speed dialing .....	52
Receiving a fax or data call .....	53
Talk and Fax .....	53
<b>Sound .....</b>	<b>54</b>
Sound profiles .....	54
Selecting a sound profile .....	54
Customizing a sound profile .....	54
Renaming a sound profile .....	55
Composing your ringing tones .....	55
Minute reminder .....	57
<b>Phone setup .....</b>	<b>58</b>
Changing menu language .....	58
Adjusting backlight .....	58
Adjusting backlight duration .....	58
Changing backlight color .....	58
Adjusting screen contrast .....	58
Clock .....	59
Showing/hiding clock on the screen .....	59
Setting up current time and date .....	59
Selecting time zone .....	59
Setting up current time and date .....	59
Setting up date format .....	59
World clock .....	60
Auto power off .....	60
Activating Auto power off .....	60
Deactivating Auto power off .....	60
Idle screen display .....	60

Screen saver .....	60
Activating screen saver .....	61
Deactivating Screen saver .....	61
Setting up timeout period .....	61
Standby logo .....	61
Showing/hiding standby logo .....	61
Selecting standby logo .....	61
Key lock .....	62
Activating Key lock .....	62
Deactivating Key lock .....	62
Selecting default input mode .....	62
Restoring factory settings .....	62
Phone security settings .....	63
Activating/deactivating security codes .....	63
Activating/deactivating PIN code .....	63
Activating/deactivating phone code .....	63
Activating/deactivating SIM lock .....	64
Changing security codes .....	64
Changing PIN code .....	64
Changing PIN2 code .....	64
Changing phone code .....	64
Changing SIM lock code .....	65
Closed user group .....	65
Network settings .....	65
Network selection .....	65
Band selection .....	66
<b>Extras .....</b>	<b>67</b>
My Picture .....	67

Creating My Picture .....	67
Editing My Picture .....	68
Erasing My Picture .....	68
Sending My Picture .....	68
<b>    Alarm clock .....</b>	<b>69</b>
Activating alarm clock .....	69
Activating alarm clock .....	69
<b>    Calendar .....</b>	<b>69</b>
Writing note .....	69
Viewing note .....	70
Viewing today's note .....	70
Viewing notes on a specific date .....	70
View all notes .....	70
Editing note .....	70
Erasing note .....	71
<b>Method 1 .....</b>	<b>71</b>
<b>Method 2 .....</b>	<b>71</b>
Moving a note to another date .....	71
Copying a note to another date .....	71
Sending a note .....	71
Viewing calendar in month mode .....	72
Jumping to a specific day .....	72
<b>    Account book .....</b>	<b>72</b>
Creating an accounting record .....	72
Viewing accounting records .....	73
Viewing results of accounting records .....	73
Editing accounting record .....	74
Erasing accounting record .....	74
<b>Method 1 .....</b>	<b>74</b>
<b>Method 2 .....</b>	<b>74</b>
<b>    Playing Games .....</b>	<b>74</b>

Ping Pong .....	75
Bingo .....	75
Insect shooting .....	76
Tank destroyer .....	76
Thirteen .....	77
<b>Calculator .....</b>	<b>77</b>
Using calculator .....	77
Converting currencies .....	78
Setting up exchange rate .....	78
Performing currency exchange .....	78
<b>Stopwatch .....</b>	<b>78</b>
Split timing .....	78
Lap timing .....	79
Viewing timing records .....	79
Erasing timing records .....	79
Operator services .....	80
<b>WAP Service .....</b>	<b>81</b>
Browsing the Internet .....	81
Going to your homepage .....	81
Going to your bookmarked pages .....	81
Navigating the Internet using the options menu .....	81
Configuring WAP profiles .....	83
Setting up a WAP profile .....	83
Selecting and activating a WAP profile .....	84
Editing a WAP profile .....	84
Renaming a WAP profile .....	84
<b>My shortcut .....</b>	<b>85</b>
Using My shortcut .....	85
Customizing My shortcut .....	85

---

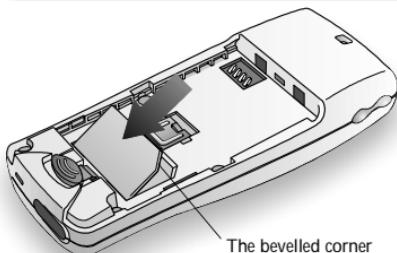
# Making Your First Call



## Installing SIM card

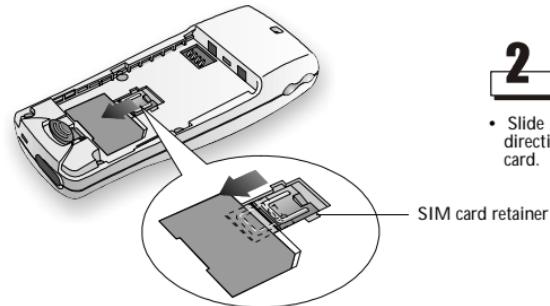
### What is a SIM card?

The SIM (Subscriber Identification Module) card is a small plastic card with metal contact on it. You get this card after you subscribe to your operator. Your personal subscriber information is stored in the SIM card and you need to use this card in the phone to make/receive calls and access services provided by your operator.



1

- Turn the phone face down.
- Place the SIM card in the SIM card socket with the metal contact on the card facing down and the bevelled corner to the direction shown.
- Push the SIM card completely into the socket.

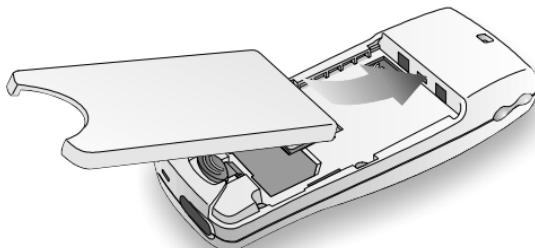


2

- Slide the SIM card retainer to the direction shown to secure the SIM card.

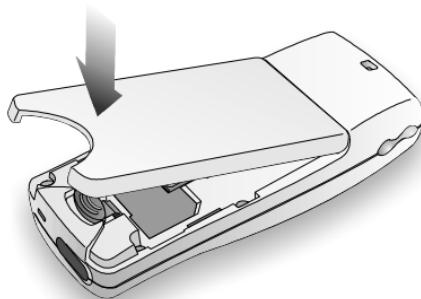
Pay special attention to the SIM card when you install. The metal contacts can be damaged easily by scratches.

### Installing and charging the battery



1

Place the top end of the battery on the back of the phone, then push the bottom end into the phone until you hear a click.



2

Install the battery cover as shown.



**3**

Insert the battery charger connector into the battery charging socket located at the bottom of the phone.

## Note

- Charge the new battery for 24 hours for first time use. When the battery is being charged, the bars of the charging status icon on phone screen scrolls. When charging is completed, the bars will stop scrolling.
- You can use the phone while charging, however, it will take longer to charge the battery.
- For future use of the battery, it takes approximately 3 hours to complete the recharging process.
- When battery power is low, a low battery message will appear on the screen. Charge the battery immediately. If battery power runs out, the power of phone will be turned off automatically.

## Turning on the phone

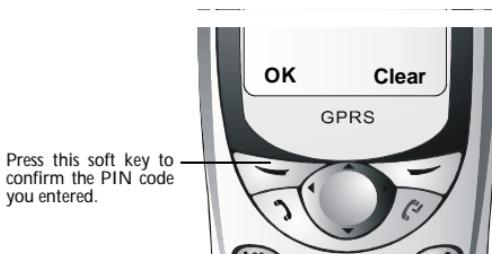
Press and hold the Power key ① located on the top of the phone.



A welcome screen appears and you probably will be asked to enter your PIN code. Enter the PIN code and press **OK**. If you accidentally typed a wrong number, press **Clear** to erase it.

### Note

For convenience of operation, your phone is equipped with two soft keys. You can press a softkey to execute the function that is indicated on the screen. In this manual, "press **OK**" refers to "press the softkey under **OK** that is displayed on the screen".



After the PIN code is verified, the phone will start searching for the network to use. If network is available, the operator name, signal strength and some other icons will appear on the screen (see "Icons on the screen" on page 10 for details). This is called the standby mode of the phone.



### Dialing the number

Enter the number you want to dial (including the area code) and press  key. If the phone number you entered is wrong, press **Clear** to erase a wrong number, or press and hold **Clear** to clear a whole line.

### Ending the call

When you want to end the call, press  key (or press **End**). The call will be terminated.

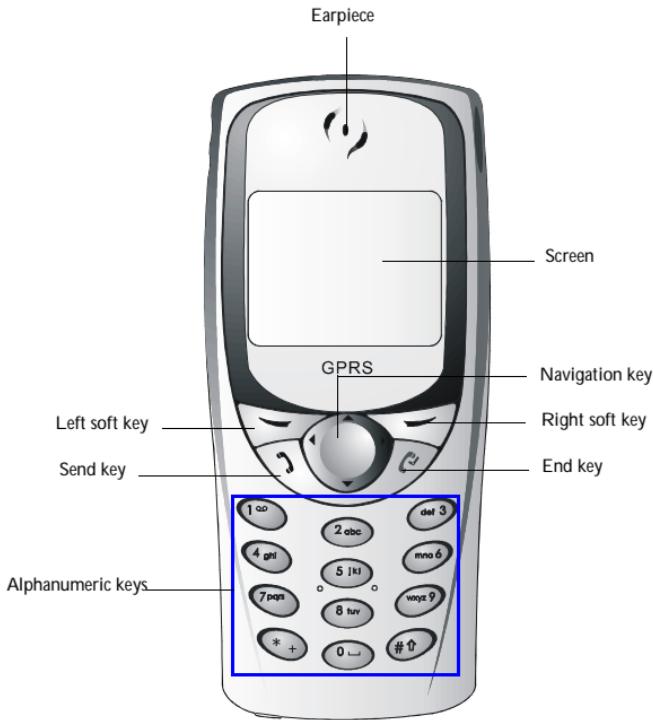
---

# Introduction to Your Phone



### Parts of your phone and their names

#### Front view





Top view

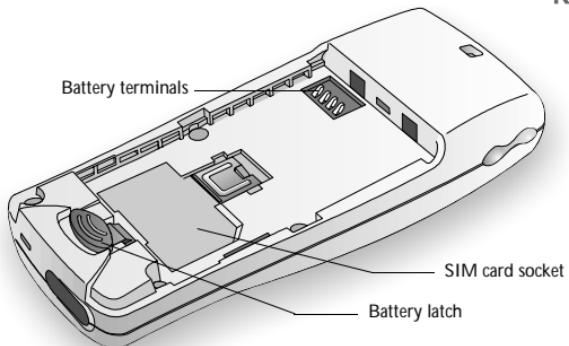
Bottom view

Volume adjustment key

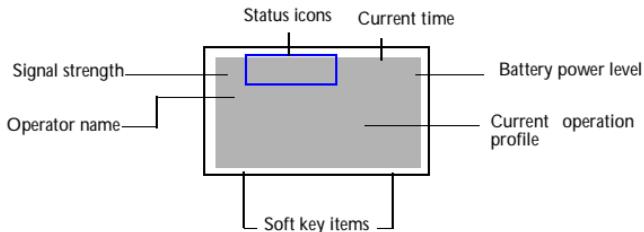


Battery charger socket & Data cable connector

### Rear view



## Icons on the screen



Please refer to the table below for the icons that appear on the screen and their meanings.

Icon	Name	Description
	Signal strength	Shows the condition of signal reception. The more the number of vertical bars, the better the reception of signal (Appearance of 4 bars indicates the best signal reception).
	Battery power level	Shows remaining battery power. The more the number of vertical bars, the more the battery power (Appearance of 4 bars indicates that the battery is full). If battery power is near empty, the battery icon flashes. At this time, charge the battery immediately. When charging, the vertical bars scroll until the battery is fully charged.
	Current time	Shows current time. See "Setting up current time and date" on page 59 for how to set up current time.
Status icons		Appearance of this icon indicates that you have new unread message(s).
		This icon appears when the message storage is full. You need to delete some messages.
		Appearance of this icon indicates that you have new voicemail messages.
Status icons		This icon appears when you are roaming under another network.

## Introduction to Your Phone

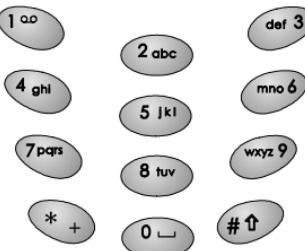
		Home zone	Appearance of this icon indicates that you are currently under your home network zone.
		Line 2	If you speak with the second telephone line, this icon will appear. (See "Selecting a phone line to use" on page 52 for details)
		Vibrator on	This icon appears when the vibrator function is turned on.
		Silent	This icon appears when you turn off all sounds of your phone.
		Key lock	This icon indicates that the key lock is ON. (See "Key lock" on page 62 for details)
		Call divert	This icon shows that the call divert function is turned ON. (See "Call divert" on page 48 for details)
		Call divert to voice-mail box	<b>This icon indicates that the Call divert to voicemail box function is enabled and your calls will be diverted to your voice-mail box automatically.</b>
		GPRS mode	When your phone is working in the GPRS mode, this icon will appear.
		Next call is set as fax call	This icon appears when you have set your phone ready to receive the next incoming call as fax call.
		Next call is set as data call	This icon appears when you have set your phone ready to receive the next incoming call as data call.
		Alarm	If you have activated the Alarm function, this icon will appear.
		Auto power off	If you have activated the Auto Power Off function, this icon will appear.
		New fax message	This icon appears when you have received a new fax message.
		New data message	This icon appears when you have received a new data message.
		New e-mail	This icon appears when you have received a new e-mail.

## The keys on the phone

### Function keys

Key	Name	Description						
	Power key	<ul style="list-style-type: none"> <li>• Long press this key to turn phone power on or off.</li> <li>• When phone power is on, press this key to open the Profile Selection menu. (See "Selecting sound profile" on page 17 for details)</li> </ul>						
	Call key	<ul style="list-style-type: none"> <li>• When there is an incoming call, press this key to answer the call.</li> <li>• After phone number is entered using alphanumeric keys, press this key to dial.</li> <li>• In standby mode, press to view the last dialed calls.</li> </ul>						
	Cancel key	<ul style="list-style-type: none"> <li>• Press to return to standby mode from the Main Menu.</li> <li>• If there is an incoming call, press to reject the call.</li> <li>• Long press to return to standby mode from Browser mode (See for details), or enter Browser mode from standby mode.</li> </ul>						
	Navigation key		<ul style="list-style-type: none"> <li>• In standby mode, press to access Phone Book.</li> <li>• In Main Menu, press to scroll items up.</li> </ul>					
			<ul style="list-style-type: none"> <li>• In standby mode, press to view miss calls.</li> <li>• In Main Menu, press to return to the previous menu level.</li> <li>• When entering text, press to move the cursor to the left.</li> </ul>					
			<ul style="list-style-type: none"> <li>• In standby mode, press to view answered calls.</li> <li>• In Main Menu, press to go to the submenus.</li> <li>• When entering text, move the cursor to the right.</li> </ul>					
			<ul style="list-style-type: none"> <li>• In standby mode, press to access Phone Book.</li> <li>• In Main Menu, press this arrow to scroll items down.</li> </ul>					
 	Left/Right Soft keys	Press these soft keys to execute corresponding commands that appear above them on the screen.						
Volume adjustment key		Press the key to adjust earpiece volume.						

### Alphanumeric keys



The alphanumeric keys on the phone can be used to enter numbers and letters. To enter phone numbers, press corresponding number keys directly. To enter letters, please see "Entering text" on page 21 for details.

---

# Basic Operations



## Turning on the phone



When phone power is off, press and hold the power key ① located on the top of the phone to switch it on.

You will probably be asked to enter your PIN code. Enter PIN code and press **OK**. You can also choose to turn off the PIN code protection. Please see "Activating/deactivating PIN code" on page 63 for details.

A welcome screen will appear and the phone will start searching for its home network automatically. If the network is found, the operator and phone profile name, battery level icon and signal strength icon (and other icons if available) will appear on the screen.

Now the phone enters its standby mode. In this mode, you can:

- Press **Names** to enter Phone Book.
- Press **Menu** to access Main Menu.
- Press **▲** or **▼** to browse your Phone Book records.
- Press **◀** to view missed call records.
- Press **▶** to view answered call records.

## Turning off the phone

When phone power is on, long press the power key ① located on the top of the phone to switch it off.

## Making a call

In standby mode, you can make an outgoing call in the following ways:

- Enter phone number using alphanumeric keys and press **key**.
- Press **key** two times to redial the last dialed call.
- Press **key** to view last dialed call records.  
Scroll to the one you want to call.
- Press **key** to dial.

- Press to view missed call records.  
Scroll to the one you want to call.  
Press key to dial.
- Press to view answered call records.  
Scroll to the one you want to call.  
Press key to dial.
- Find a phone number in the Phone Book and press key to dial.
- Long press alphanumeric keys ~ to dial the phone number located #2 ~#9 in the Phone Book. (You must set up Speed Dial and activate such function first. Please see "Setting up Speed Dial" on page 27 and "Speed dialing" on page 52 for details)

## Note

### Inserting pause

To insert a pause after phone number (used when there is an extension number following the phone number), long press key until appears.

For example, to call extension number 234 after the number 1234567, enter 1234567 and then long press key to insert a P, then enter the extension number 234.

### Making an international call

To make an international call:

1. Long press key to insert a + (international dialing prefix).
2. Enter the recipient's country code and area code (omit the starting 0).
3. Enter the recipient's phone number.

During a call, the call time counter will appear on the screen, letting you know the time you spent on the call.

## Making an emergency call

Press    (or any other emergency number specified by your operator) and then  key. Depending on your operator, the emergency call can be made even when there is no SIM card in the phone.

## Answering a call

Your phone rings or vibrates (or remains silent, according to your setting of sound profile) when an incoming call is received. Meanwhile, the caller's name (if the caller's name can be found in your Phone Book) or number will appear on the screen. Otherwise, "Unknown" will appear. You can:

- Press  key (or any key on the phone except  key, if the AnyKey Answer function has been turned on) to answer the call.
- Press  key to reject the call.

## Ending a call

Press  key to end a call. Depending on your setup in Session information (see "Session information" on page 47 for details), the session information may appear on the screen.

## Missed call message

If you have missed calls, the number of missed calls will appear on the screen. You can press **Detail** to view detailed missed call records, or **Exit** to clear the screen and return to standby mode.

## Adjusting earpiece volume

During a phone call, press the volume adjustment key to increase/decrease earpiece volume.

## Selecting sound profile

1. Press the power key  in standby mode. The sound profiles will appear on the screen.

2. Scroll to desired profile and press **Select**.

You can also customize these profiles. See "Customizing a sound profile" on page 54 for details.

## Options during a call

During a call, you have the choice to access several in-call options.

To access these options:

1. Press **Options** during a call.
2. Scroll to a desired item in the In Call Option menu that appears.
3. Press **Select** to select it.

## Making a new call

To make a new call during a call:

1. Highlight **Dial new call** in the **In Call Option** menu and press **Select**.
2. Enter the phone number of the second call and press  key.

## Answering a new incoming call

If you have a new incoming call when you are already on a call, new incoming call message will appear on the screen. Press  key to put current call on

hold and answer the new call. Press  key to end (or reject) the new incoming call and you will be connected to the old call automatically.

## Transmitting DTMF tones

This feature allows you to send DTMF tones during a call. For example, when you are asked to enter your bank account number during a telephone banking service call.

To transmit DTMF tones:

1. Highlight **Send DTMF** in the **In Call Option** menu and press **Select**.
2. Enter the number you are asked to.

## Ending calls

This feature allows you to end current call or end one of the calls on progress on a multi-party call.

To end current call:

Highlight **End Calls** in the **In Call Option** menu and press **Select**.

- To end one call on a multi-party call, highlight the call party you want to end and press **Select**.
- To end all calls, highlight **All** and press **Select**.

---

# Phone Book



### Consulting Phone Book

During a call, you can use this function to consult names and numbers in the Phone Book. For details about Phone Book, please refer to "Phone Book" on page 23.

To consult Phone Book during a call:

1. Highlight **Phone Book** in the **In Call Option** menu and press **Select**.
2. You will enter the Phone Book menu. You can search for a name and number or add a new number..., etc.

### Accessing Main Menu

During a call, you can use this function to access the Main Menu. For details about Main Menu, please refer to "The Main Menu" on page 33.

To access Main Menu during a call:

1. Highlight **Main Menu** in the **In Call Option** menu and press **Select**.
2. The Main Menu will appear on the screen.

### Muting/unmuting the microphone

If you don't want the calling party to hear your voice, you can use this function to mute the microphone.

To mute the microphone during a call:

Highlight **Mute** in the **In Call Option** menu and press **Select**.

To unmute the microphone:

Highlight **unmute** in the **In Call Option** menu and press **Select**.

### Holding/unholding a call

If you have multiple calls in progress, you can use this function to hold one of the calls.

To hold a call:

1. Highlight **Hold** in the **In Call Option** menu and press **Select**.
2. Select the call you want to hold in the menu that appears.
3. Press **Select**.

To unhold calls:

1. Highlight **Unhold** in the **In Call Option** menu and press **Select**.
2. Select the call you want to unhold in the menu that appears.
3. Press **Select**.

## Listening to your voice mail

When a new voice mail is received, the icon  appears on the screen. To listen to the new voice mail, long press  key in standby mode and connect to your voice mailbox.

Depending on your operator, you may need to configure your voice mailbox before you can use this function. Please refer to "Configuring voice mailbox number" on page 40 for how to setup your voice mailbox.

## Reading messages

When a new message is received, new message alert will be generated (depending on your sound profile setting) and the new message prompt will appear on the screen.

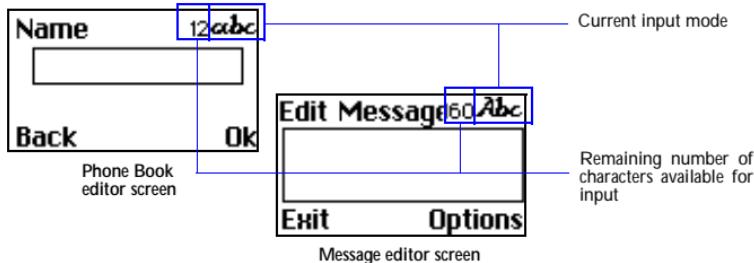
To read the new message:

1. Press **Detail** to go to the list of received messages.
2. Scroll to the message you want to read and press **Select**.

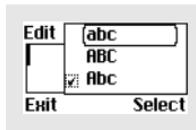
## Entering Text

The phone provides several input methods that enable you to enter text in Phone Book, write a message..., etc. You can also switch among these input methods easily.

When you add a new entry to your Phone Book (see "Adding a Phone Book entry" on page 24) or write a new message (see page), the following text editor screen appears:



## Selecting an Input mode

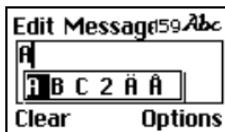


1. Press **#** key. Available input modes will appear on the screen.
2. Scroll to the desired input method and press **Select**. The selected mode will appear on the upper right corner of the screen.

- **abc mode:** Allows you to enter lower case letters.
- **ABC mode:** Allows you to enter upper case letters.
- **Abc mode:** The first letter entered is automatically capitalized.
- **123 mode:** Allows you to enter numbers.
- **Punctuation (.,!?:) mode:** Enter punctuation marks.

## Entering text

- Press a key and the corresponding letters will appear in a bar on the lower part of the screen.



- Press the key several times to highlight the desired letter (or number) and it will be entered when the bar disappears. You can also proceed to enter the next letter when the desired letter (or number) is highlighted. The remaining number of letters you can enter is shown on the upper right corner of the screen.

The table below shows the mapping of each key and the corresponding letter in different input modes.

Keys	Input Modes		
	ABC	abc	123
<b>0</b>	+ - <b>0</b> <b>H</b> * / = > < #		<b>0</b>
<b>1</b>	(Space) . 1 ? ! , @ & : " ( ) ' à ï % £ \$		<b>1</b>

2 abc	<b>A B C 2 Ä Å à ÿ ß Ç</b>	<b>a b c 2 ä å à ÿ ß Ç</b>	<b>2</b>
def 3	<b>D E F 3 Δ É è Ø</b>	<b>d e f 3 Δ é è Ø</b>	<b>3</b>
4 ghi	<b>G H I 4 Γ ï</b>	<b>g h i 4 Γ ï</b>	<b>4</b>
5 jkl	<b>J K L 5 Α</b>	<b>j k l 5 Α</b>	<b>5</b>
mno 6	<b>M N O 6 Ñ Ö Ø Ø</b>	<b>m n o 6 ñ ö ø Ø</b>	<b>6</b>
7 pqrs	<b>P Q R S 7 Π Β Σ</b>	<b>p q r s 7 Π Β Σ</b>	<b>7</b>
8 tuv	<b>T U V 8 Θ Ü Ù</b>	<b>t u v 8 Θ ü ù</b>	<b>8</b>
wxyz 9	<b>W X Y Z 9 Ξ Ψ</b>	<b>w x y z 9 Ξ Ψ</b>	<b>9</b>

## Erasing text

If you have entered a wrong character or number, press **Clear** to erase. Pressing and holding **Clear** will clear a whole line.

Press **◀** or **▶** to move the cursor backward/forward.

## Using key lock

The key lock helps to prevent unwanted key operations when you carry your phone.

To enable key lock:

In standby mode, press **Menu**, then  key.

To unlock:

Press **Unlock**, and then press  key.

## Adding a Phone Book entry

You can add a new entry to Phone Book in the following ways:

### Method 1

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Add** and press **Select**.
3. You will be prompted to enter the name of the entry. Enter the name and press **OK**.
4. Enter the phone number and press **OK**.

### Method 2

1. In standby mode, enter the number using the alphanumeric keys.
2. Press **Save**. You will be prompted to enter the name of the entry. Enter the name and press **OK**.

### Method 3

1. During a call, enter the number using the alphanumeric keys.
2. Press **Save**. You will be prompted to enter the name of the entry. Enter the name and press **OK**.

## Searching for a Phone Book entry

To search for a Phone Book entry:

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Search** and press **Select**.
3. Enter the name of the Phone Book entry you want to look for. You can also enter only the beginning few letters of the name.
4. The entries that match the name (or contain the letters) you entered will appear on the screen.

## Editing a Phone Book entry

### Editing name

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) and press **Options**.

4. Scroll to **Edit** (or **Edit name** if you scrolled to the number in step 1) and press **Select**.
5. Edit the name and when finished, press **OK**.

### Editing number

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number and press **Options**.
4. Scroll to **Edit** in the menu that appears and press **Select**.
5. Edit the number and when finished, press **OK**.

### Adding new phone number to existing entries

You can record up to 4 different phone numbers under a Phone Book entry.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) and press **Options**.
4. Scroll to **Add Number** and press **Select**.
5. Enter the new number and when finished, press **OK**.
6. You will be prompted to select a type for the new number. Scroll to an appropriate type and press **Select**.

### Changing caller group

The Caller group function allows you to separate your Phone Book entries in different groups. For details about the Caller group function, please refer to "Setting up Caller Group" on page 28.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) press **Options**.
4. Scroll to a desired caller group and press **Select**.

### Sending a entry as business card

With this function, you can send the details of a Phone Book entry to another person as a business card.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the name (or number) and press **Options**.
4. Scroll to **Send business card** and press **Select**.

5. If you want to send the business card as a new message immediately, scroll to **Send as SMS** and press **Select**. Enter the number of the recipient (or pick up a recipient from Phone Book by pressing **Names**) and press **Send**. If you want to edit the business card before sending it, scroll to **Send as text** and press **Select**.

### Assigning default phone number

If you have multiple phone numbers in a Phone Book entry, you can assign one of these numbers as default number. This default number is dialed when you make a call from the Phone Book or using the Speed Dial function.

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number you want to set as default and press **Options**.
4. Scroll to **Set as default** and press **Select**.

### Changing the type of number

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number and press **Options**.
4. Scroll to **Change Type** and press **Select**.
5. Scroll to a desired type for the number and press **OK**.

### Sending messages from Phone Book

To send a new message from Phone Book:

1. Scroll to a Phone Book entry.
2. Press **Detail**.
3. Scroll to the number and press **Options**.
4. Scroll to **Send message** and press **Select**.
5. Compose the message. When finished, press **Options** and then **Send** to send the message.

### Erasing Phone Book entry

#### Method 1

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Erase** and press **Select**.

To erase Phone Book entries one by one:

1. Scroll to **One by one** and press **Select**.
2. Scroll to select the Phone Book entry you want to erase and press **OK**.
3. Press **OK**.

To erase all Phone Book entries:

1. Scroll to **All**.
2. To delete all Phone Book entries stored in phone memory, scroll to **Phone**.  
To delete entries on the SIM card, scroll to **SIM**.
3. Press **Select**.

### Method 2

1. In Phone Book, scroll to the entry you want to erase and press **Detail**.
2. Scroll to the name (or number) and press **Options**.
3. Scroll to **Erase** and press **Select**.

## Copying Phone Book entry

### Method 1

With the copy function, you can copy Phone Book entries in the phone memory to SIM card memory and vice versa.

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Copy** and press **Select**.

To copy Phone Book entries from phone to SIM card:

Scroll to **Phone to SIM** and press **Select**. You can choose to copy Phone Book entries one by one or all at once.

To copy Phone Book entries from SIM card to phone:

Scroll to **SIM to Phone** and press **Select**. You can choose to copy Phone Book entries one by one or all at once.

### Method 2

1. In Phone Book, scroll to the entry you want to copy and press **Detail**.
2. Scroll to the name (or number) and press **Options**.
3. Scroll to **Copy** and press **Select**.
4. If you want to keep the original and make a copy to another location (i.e, if your Phone Book is using SIM card memory, it will be copied to the phone memory and vice versa), scroll to **Keep original**. To move the entry to another location, scroll to **Move original**.

5. Press **Select**.

## Setting up Speed Dial

Speed Dial is a shortcut that allows you to make a call simply by long pressing alphanumeric keys  ~ .

To set up speed dial:

### Method 1

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. Choose an empty speed dial key and press **Select**.
4. Your Phone Book entries will appear on the screen. Pick up a number by pressing **Select**.

### Method 2

1. Long press a key that has not been assigned a speed dial number.
2. The screen will prompt you to assign the speed dial key. Press **OK**.
3. Your Phone Book entries will appear on the screen. Pick up a number by pressing **Select**.

## Viewing speed dial number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. On the speed dial list that appears, scroll to choose a number to view.
4. Press **Options** and select **View**.

## Changing speed dial number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. On the speed dial list that appears, scroll to choose a number to change.
4. Press **Options** and select **Change**.
5. Your Phone Book numbers will appear on the screen. Pick up a new number by pressing **Select**.

## Erasing speed dial number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Speed Dial** and press **Select**.
3. On the speed dial list that appears, scroll to choose a number to view.
4. Press **Options** and select **Erase**.

## Setting up Caller Group

You can place your Phone Book entries under different Caller Groups and give each Caller Group different ringtone, backlight and screen graphic. When you have an incoming call, you can judge the caller by its specific Caller Group.

### Creating a new Caller Group

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Caller Group** and press **Select**.
3. The Caller Group list will appear on the screen. Scroll to an empty caller group and press **Select**.
4. Scroll to **Rename** and press **Select**. Enter the name of the Caller Group. When finished, press **OK**.
5. Scroll to **Ring Tone** and press **Select**. Scroll to a desired ring tone and press **OK**.
6. Scroll to **Graphic** and press **Select**. If you want to choose a screen graphic for the Caller Group, Scroll to **On** and press **OK**. Scroll to **View** and press **Select** to choose a graphic. Otherwise, select **Off**. Press **Back** to return to the previous menu.
7. Scroll to **Backlight** and press **Select**. Scroll to a desired backlight color from the list that appears and then press **OK**.

### Renaming a Caller Group

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Caller Group** and press **Select**.
3. The Caller Group list will appear on the screen. Scroll to an empty caller group and press **Select**.
4. Scroll to **Rename** and press **Select**. Enter a new name of the Caller Group. When finished, press **OK**.

## Miscellaneous settings

### Personal number

You can store your own phone number here. Up to two personal numbers can be saved.

#### Adding a personal number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Personal Number** and press **Select**.
3. Press **Options** and select **Add**.
4. Enter your name and number.
- 5 Press **OK**.

#### Editing personal number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Personal Number** and press **Select**.
3. Scroll to the number you want to edit and press **Options**.
4. Scroll to **Edit** and press **Select**.
5. Edit the name and number. When finished, press **OK**.

#### Erasing personal number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Personal Number** and press **Select**.
3. Scroll to the number you want to erase and press **Options**.
4. Scroll to **Erase** and press **Select**.

## Your own business card

You can create your own business card and send it to other person.

### Creating your own business card

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Edit** and press **OK**.
4. Enter all necessary information. When finished, press **Save**.

### Viewing your business card

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **View** and press **Select**.

### Sending your business card

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Send My Own Card** and press **Select**.
4. If you want to send the business card as a new message immediately, scroll to **Send as SMS** and press **Select**. Enter the number of the recipient (or pick up a recipient from Phone Book by pressing **Names**) and press **Send**.  
If you want to edit the business card before sending it, scroll to **Send as text** and press **Select**.

### Editing your business card

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Edit** and press **OK**.
4. Edit the contents of your business card. When finished, press **Save**.

### Erasing your business card

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **My Own Card** and press **Select**.
3. Scroll to **Erase** and press **Select**.

## Fixed dial number

If your SIM card supports, you can use this function to restrict outgoing calls only to the numbers (or the numbers that begin with the same digit(s)) on the fixed dial list.

### Activating Fixed dial

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **On** and press **OK**.
4. Enter your PIN 2 code and press **OK**.

### Adding new Fixed dial number

You need to activate Fixed dial before adding new Fixed dial number.

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **View** and press **Select**.
4. Press **Options**.
5. Scroll to **Add** and press **Select**.
6. Enter your PIN 2 code and press **OK**.
7. Enter the name of the fixed dial number. Press **OK**.
8. Enter the number. Press **OK**.

### Viewing Fixed dial number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **View** and press **Select**.

### Editing Fixed dial number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **View** and press **Select**.
4. Scroll to a Fixed dial number and press **Options**.
5. Scroll to **Edit** and press **Select**.
6. Enter your PIN2 code and press **OK**.
7. Edit the name and number. When finished, press **OK**.

### Erasing Fix dial number

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Fixed dial number** and press **Select**.
3. Scroll to **View** and press **Select**.
4. Scroll to a Fixed dial number and press **Options**.
5. Scroll to **Erase** if you want to erase selected Fixed dial number. If you want to erase all fixed dial numbers, scroll to **Erase all**. Press **Select**.
6. Enter your PIN2 code and press **OK**.
7. Press **OK** to confirm.

## Phone Book memory setting

### Selecting Phone Book memory

You can select the memory to use for your Phone Book.

1. Enter Phone Book by pressing **Names** in standby mode.

2. Scroll to **Option** and press **Select**.
3. Scroll to **Memory** and press **Select**.
4. Scroll to **SIM** if you want to use SIM memory, or **Phone** if you want to use phone memory.
5. Press **OK**.

### Checking Phone Book memory status

1. Enter Phone Book by pressing **Names** in standby mode.
2. Scroll to **Option** and press **Select**.
3. Scroll to **Memory status** and press **Select**.
4. Scroll to **SIM** if you want to check the status of SIM memory, or **Phone** if you want to check the status of phone memory.
5. Press **OK**. The status of selected memory will appear on the screen.