

MW 302X
MW 304X

ENGLISH


 **SAGEM**

IN A FEW WORDS ...

Switch on

- Press .

Call

- Dial the number then press .


Answer

- Press .

Hang up

- Press .

Switch off

- Press  (long press).

Hands-free

- To communicate, press .

1



Lock and unlock the keyboard from the standby screen

- Press * then OK.

Redial last number

- Press  twice.

Make a call from a number stored in the directory

- By name: enter the first letter of the name, press , scroll down the list to find your correspondent, then press  to call.
- By location in the directory: enter the location number then press * to call.

Briefly, the functions



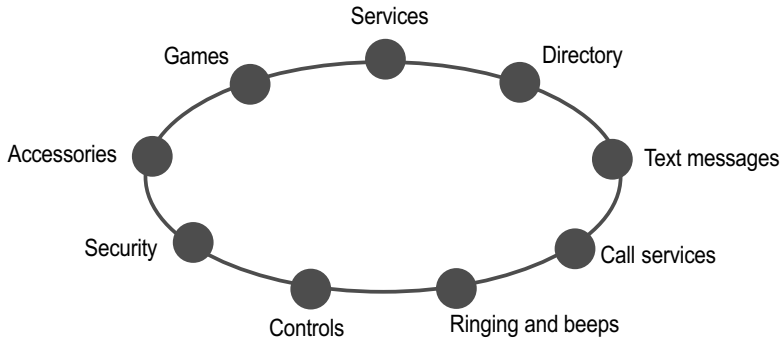
MENUS

Enter using ▲ or ▼

Navigate using ▲ and ▼

Validate using OK

Quit or return to the previous menu using C



Briefly, the menus



You have just bought a mobile phone and we congratulate you on your choice.

Your phone will allow you to use different international networks depending on the roaming agreements between the operators.

We would like to remind you that this phone is approved to European standards.

To get the most out of using your phone, we recommend that you read this manual carefully and keep it handy for future reference if needed.

WARNING

According to the configuration of the networks and associated subscriptions, certain functions may not be available (indicated by *).

If an incompatible SIM card is inserted, a message will be displayed when switching on your phone. For further information, contact your Operator.

Compatibility of your SIM card

Your phone is
compatible with SIM
3V cards only.

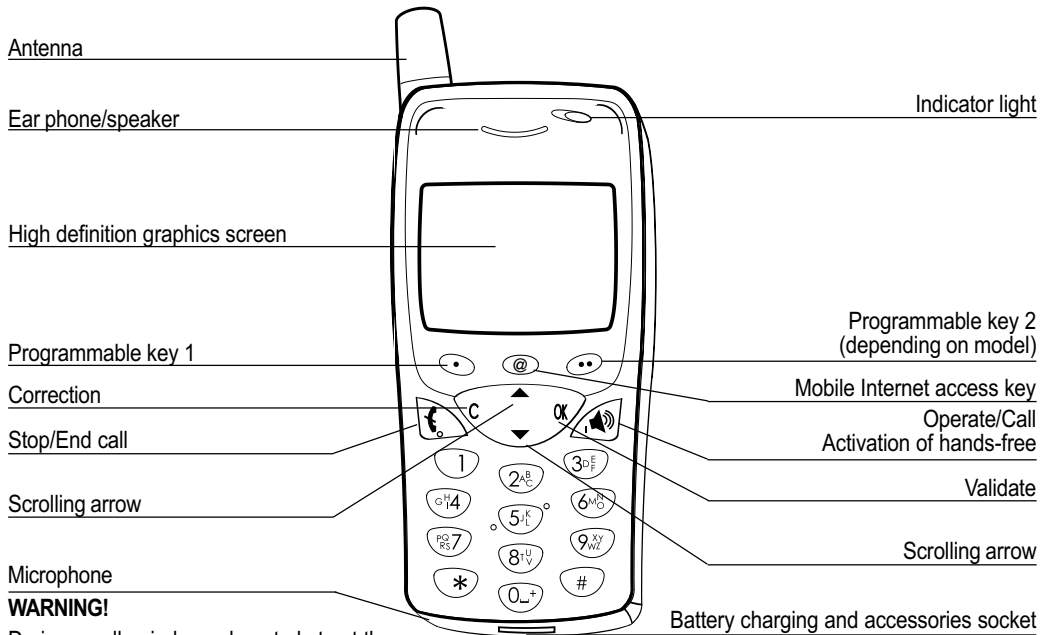
The SAGEM logo and trademark are the property of SAGEM SA.
AT is a registered trademark of Hayes Microcomputer products Inc.
Hayes is a registered trademark of Hayes Microcomputer Products Inc.
T9™ Text Input is a registered trademark of ©Tegic Communications Inc.
T9 is licensed under one or more of the following U.S. Patents: 5,818,437,
5,953,541, 5,187,480, 5,945,928, 6,011,554 and additional patents are
pending worldwide.

GLOSSARY

- Outgoing call** A call made from your phone.
- Incoming call** A call received by your phone.
- SIM card** The card containing your subscription and access rights to services. The detachable part is the “micro-SIM”.
- PIN** The personal code linked to your SIM card.
- PIN2** The second personal code linked to your SIM card to access certain functions (*).
- Phone code** The phone code is a secret code intended to protect the phone in case of theft.
- IMEI** The identification number of your phone.
- SMS** Short Message Service: for sending and receiving short text messages.
- Service provider or Operator** Company which manages the network subscription.





1. <u>Presentation of the phone</u>	6	6. <u>How to use the text mailbox and the Easy Message T9™ function</u>	24
1.1 Exchanging the coloured front panel	9	6.1 Receiving a short message	24
2. <u>Getting started</u>	10	6.2 Editing a message using Easy Message T9™ ..	25
2.1 Information on the SIM card	10	6.3 Edited messages	27
2.2 Installing the SIM card and the battery	11	7. <u>How to use the call related features</u>	28
2.3 Charging the battery	12	7.1 Forwarding calls	28
2.4 Switching on/switching off, starting up	13	7.2 Viewing the list of the last numbers used	29
2.5 Menu access	14	7.3 Monitoring the duration and cost of calls	30
2.6 Deleting characters	14	7.4 Displaying the numbers	30
3. <u>Initial communication - Hands-free mode</u>	15	7.5 Authorising double call	31
3.1 Making a call	15	7.6 Configuring automatic redial	31
3.2 Receiving a call	16	7.7 Voice mail number	31
3.3 Volume control	16	7.8 Local information distribution	31
3.4 Hands-free mode	16	7.9 Replacing the international prefix	31
3.5 Ending a call	16	7.10 Placing calls on hold	32
4. <u>Menu list</u>	17	7.11 Multi-conferencing (*)	32
5. <u>How to use the directory</u>	20	8. <u>How to adjust the ringing tones and the vibrator</u>	34
5.1 Directory display	20	8.1 Selecting the volume and the type of ringing tone	34
5.2 Storing a number	20	8.2 Call groups	35
5.3 Deleting a number	21	8.3 Personalising the ringing tone	35
5.4 Call groups	21	8.4 Setting the vibrator	35
5.5 Sorting	23	8.5 Selecting silent mode	35
5.6 Sending a short message to a stored number ..	23	8.6 Setting the beeps	35
5.7 Directory space memory	23	8.7 Deleting DTMF tones	36
5.8 Displaying personal numbers	23		
5.9 Making a call to a stored number	23		

9. <u>How to adjust and customize your phone</u>	37	5	15. <u>Upkeep</u>	52
9.1 Customizing your phone	37		16. <u>Recommendations</u>	53
9.2 Selecting the display language	39		<u>Answers to your questions</u>	56
9.3 Select the type of response	39			
9.4 Selecting the network	39			
9.5 Setting the time and date	40			
9.6 Controlling screen contrast	40			
9.7 Converting currencies	41			
10. <u>How to use the security features of your phone</u>	42			
10.1 Locking the keyboard	42			
10.2 Changing the PIN number	42			
10.3 Changing the PIN2 number (*)	43			
10.4 Changing the phone code	43			
10.5 Changing the operator password (*)	44			
10.6 Limiting incoming calls (*)	44			
10.7 Limiting outgoing calls (*)	44			
10.8 Setting up the pre-set directory (*)	45			
10.9 Charge checking (*)	45			
11. <u>Other functions</u>	46			
11.1 Calculator	46			
11.2 Setting the alarm	46			
11.3 Setting the timer	47			
11.4 Configure your phone with a car kit	47			
11.5 Data parameters	47			
12. <u>WAP Function</u>	48			
13. <u>Games</u>	50			
14. <u>Available accessories</u>	51			



1. Presentation of the phone

Function keys

-  Stop – Reject a call – Hang up
-  Go – Call a number – Receive a call – Hands-free mode
- C** Short press: Return to the previous menu – Delete a character
Long press: Exit menu mode – Complete deletion of the entry
- OK** Validate
 - - Programmable keys for direct access to the functions that you have selected (depending on model)
 - - Volume control during conversation (• key: lower, •• key: louder)
 - Contextual action
- @** Mobile Internet access key
-  and  Entry and scrolling through the menus.

Alphanumeric keyboard

Made up of 12 keys: 0 to 9, * and #.

To obtain a number or letter, hold down the relevant key until the desired number or letter appears.

Letters with accents are obtained by a long press on * after entering the letter with no accent.

Punctuation marks and special symbols are obtained by a long press on the # key.

Key 1

A long press on key 1 allows you to access the voicemail service (depending on model).

Display


The high definition graphics screen enables you to read messages easily. Various icons inform you about the status of functions.



Battery charge indicator (black if charged, clear if discharged)



Received signal strength indicator (maximum strength: 5 bars) ; the **R** letter indicates if the network found does not correspond to the subscription

If  flashes, the phone is searching for a network



Hands-free loudspeaker



Call in progress



Permanent call forwarding



Silent mode

8



Text messages present



Voice messages present

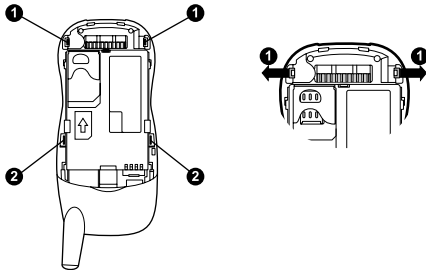
The three keys located under the screen are allocated to actions described at the bottom of the screen just above the key, each time it is necessary.

For example:

Validate Pressing **••** validates the current function.

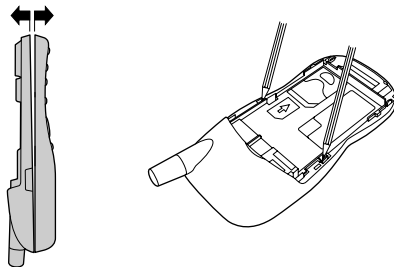
1.1 Exchanging the coloured front panel

- Switch off the phone.
- Remove the rear cover and the battery (see on page 11).
- Hold the phone with the front panel facing downward, and with the antenna pressed against you.
- Free the front panel by moving the retention lugs (1).

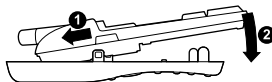


9

- Release the front panel by moving the retention lugs (2) if necessary and pushing them with a pen for example.



- Install the keyboard in the new front panel.
- Position the phone and the new front panel as shown.



- Replace the battery and the cover.

2.1 Information on the SIM card

To use your phone, you have a small card called a SIM card. In addition to all of the information necessary for the network, this card contains other information that you can modify:

- secret codes (PIN and PIN2 - Personal Identification Number)
- directory
- mini-messages
- functioning of specific services.

SIM card

This card must be handled and stored with care in order to avoid excessive stresses or scratches that would damage it. If your SIM card is lost, contact your Operator or Service Provider immediately.

Note: Do not leave you SIM card within the reach of small children.

2. Getting started

PIN code

This is the personal code for your SIM card. You may be asked to enter this code when the instruction: Pin number ? appears after you switch on your phone.

- Enter the code of between 4 and 8 digits given to you by your operator. These digits will not be displayed on the screen for security reasons.
- Press # or OK or •• to validate.

PIN2 code (*)

If one was given to you by your Operator, a second PIN code provides secure access to certain functions.

Warning

If the wrong PIN code is entered three times in a row, the card will be locked. To unlock your card:

- enter **05*
- enter the PUK code (Personal Unlocking Key) provided by your Network Operator and validate,
- enter your PIN code and validate,
- enter your PIN code again and validate.

After 5 or 10 times (depending on SIM card type), the SIM card will be permanently locked. Contact your Operator or your Service Provider to obtain a new card.

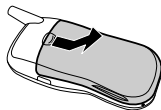
The same procedure (entering 052) applies when the PIN-2 code is blocked (PUK 2 code).

2.2 Installing the SIM card and the battery

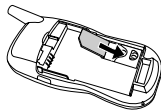
Switch off your phone and disconnect the charger.

The SIM card is inserted beneath the phone's battery.

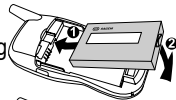
- Turn your phone over and remove the rear cover. Press on top and make it slide.



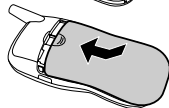
- Slide the card along the base beneath the retaining plate, with the gold coloured sections facing towards the phone and the cut-off corner lined up to match the drawing on the phone.



- Place the battery by first inserting the upper section into the opening.



- Replace the cover sliding it until it locks.



2.3 Charging the battery

Your phone is powered by a rechargeable battery. A new battery must be charged for at least 4 hours before it is used for the first time. It will reach its nominal capacity after several usage cycles.

When your battery has run down, the phone displays it and cuts out.

To recharge your battery:

- Connect the charger to a wall outlet.
- Connect the end of the charging cable to the bottom of your phone.



- The phone will start charging. The battery charging indicator indicates the charge. Charging stops by itself.
- Unplug the cable.

It is possible that during charging, the battery may heat up slightly; this is normal.


WARNING



- There is a risk of explosion if the battery is incorrectly replaced or disposed of in fire.
- Do not short-circuit.
- The battery does not contain any components that can be changed by you.
- Do not attempt to open the battery case.
- Only use the correct chargers and batteries as shown in the manufacturer's catalogue.
- Spent batteries must be collected at the appropriate sites.
- You are advised to remove the battery if you intend to leave your telephone unused for a long period.

2.4 Switching on/switching off, starting up


To switch on your phone:

- Press  to switch on your phone.
- If access to the SIM card is protected by a secret code, the phone will ask you to enter your PIN code.

Enter the code of between 4 and 8 digits given to you when you were given your SIM card. These digits will not be displayed on the screen for security reasons.

- Press # or OK or •• to validate.

Control of the PIN code


If your phone displays SIM absent, press  (long press) to switch off your phone and check that your SIM card is correctly positioned.

Searching for a network

The phone then searches for a network on which it can communicate:

- If it finds one, the name of the network appears on the screen, and the indicator light flashes green.

You are ready to make or receive a call.


- If the R letter and a network name are displayed, calls can be made and the indicator light flashes green.
- If the R letter is displayed without any network name, only emergency services will be accessible (police, ambulance, fire brigade).
- If the  flashes, the phone will keep searching. No network is available.

Network indicator



The indicator of the level of network signal received enables you to visualise the quality of reception. If it shows less than three bars, look for better reception to make your call in good conditions.

Switching off

- Hold down the  key until the end message is displayed.
- Release the key. The phone switches off.

2.5 Menu access

The menu functions permit you to verify or modify the various functions of your phone to adapt it to your needs.

- Press the scrolling arrows ▼ or ▲ to access the menus.
- Scroll through the menu using the scrolling arrows then press **OK** to access the selected menu.
- Each time you want to validate an action, press **OK**.
- To abandon an action, press **C**.
- To exit the menu mode, press and hold **C**.

Direct access to menu

To directly access a menu, press ▼ then enter the number of the selected menu.

2.6 Deleting characters

You can cancel an entry error:

- Press quickly on **C** to delete the last character.
- If you press this key longer, you will delete the previous word.

3. Initial communication

Hands-free mode


15

3.1 Making a call

The network is displayed.


- Dial the number, including the area code if necessary, by pressing keys on the alphanumeric keypad.

- Press .

During the call,  flashes on the screen, and tones may signal the establishment of a connection.

- When the person you have called answers, speak.

Emergency services

Depending on the operator, you can contact the emergency services with or without a SIM card or when the keyboard is locked. It is sufficient to be in a zone served by a network. To call the international emergency service, dial 112 then press .

Other emergency service numbers may exist, depending on the country.

International call

Press 0 (long press) to display + then dial the country code without waiting for a tone, then the number you require.

3.2 Receiving a call



When you receive a call:

- Press  then speak.

The caller's number is displayed when it is presented to the network.

- All incoming and outgoing call numbers are registered in the list of the last calls.

3.3 Volume control

- Increase or decrease the volume during a conversation by pressing the  or  keys.

3.4 Hands-free mode

During a call, you can transfer from handset mode to hands-free mode simply by pressing one key and the reverse.

- Press .

The screen displays  for handset mode and  for « hands-free » mode.

The "Hands-free" mode enables you to follow a conversation with several people and be free to move, for example, to take notes during your conversation.



Before putting the phone to your ear, check the volume control settings as well as the selected listening method, especially if using integrated hands free mode, which could cause ear damage if used incorrectly.

3.5 Ending a call

- Press .

The end of call message appears on the screen.

4. Menu list

According to the model of your phone, to the configuration of the networks and associated subscriptions, certain functions may not be available (indicated by *).

17

You have the option of personalising the presentation of the menus, and so of limiting access to certain functions (See chapter How to adjust and customize your phone).

The following list presents the expert level (limiting itself to the 3rd sub-menu).

Services

Access to specific services offered by the operator

Directory

Directory menu	20
Sort by location	
Create record	
Call groups	
Available memory	
Personal numbers	
Quit	
Scroll through the names entered	23
See record	
Modify	
Call	
Delete	
Send message	
Quit	

Controls

Customization	37
Menu type	
Energy saving	
Screen Saver (*)	
Greeting message (*)	
Prog. Key (*)	
Select language	39
Automatic response	39
Auto. answer	
Any key	
Network selection	39
Networks available	
Preferred networks	
Setting time/date	40
Display contrast	40
Currency converter	41
Rapid exchange	
Exchange rate	
Currencies	
Security	
Keyboard locking	42
PIN number	42
Modify	
Control PIN	
PIN2 number (*)	43
Phone code	43
Modify	
Control phone code	

Operator password (*)	44
Limit incoming calls (*)	44
Incoming voice calls	
Incoming data calls	
Incoming fax calls	
All incoming calls	
Limit outgoing calls (*)	44
Outgoing voice calls	
Outgoing data calls	
Outgoing fax calls	
All outgoing calls	
Pre-set directory (*)	45
Costs (*)	45
Settings	
Limitation	

Accessories

Calculator	46
Alarm	46
Timer	47
Car kit (*)	47
Data parameters	47

Games

5. How to use the directory

5.1 Directory display

You can store the telephone numbers that you call regularly:

- in the SIM card,
- in the phone itself.

Different icons will inform you of the directory location where the number is stored when you search for it:



SIM card directory



Your phone's directory



SIM card pre-set directory

The number of telephone numbers stored in the SIM card directory varies depending on the capacity of the card. Your Operator or your Service Provider can provide you with this information.

5.2 Storing a number

- In the Directory menu, select Create record. Validate by pressing **OK**.
- Enter the name (the number of accepted characters depends on the SIM card used). Validate.
- Enter the number including the area code, if necessary (up to 20 characters). Validate.

It is advisable to store numbers in their international format (+, country code, and number). You can verify the contents of a record and modify it by selecting the required name.

You can enter spaces in the number (displayed as commas “,”) by pressing (long press) on * or #. The figures entered after a space are processed in a DTMF sequence (usable after a number).

- If necessary, select the call group to which you want to assign this number.

When sorting by location, pressing on the * key launches a search for the first available location; pressing on # returns to the start of the list.

Depending on the available space, you can select the storage location of the number entered: SIM card or phone itself.

5.3 Deleting a number

To delete the contents of a directory location, select the name using the scrolling arrows. Validate by pressing **OK**. Select Delete, then validate.

5.4 Call groups

You are also able to classify contacts recorded in the directory into Call Groups.

To each of these groups you attribute certain characteristics (icon, ringing tone, vibrator, etc.).

Creating a group

By default, groups have already been created in the phone.

In order to look up their characteristics, display a list of the groups - **Directory/Directory menu/Call groups** menu.

Using the scrolling arrows, choose a group and press **OK**. You are then able to look up or alter its characteristics or to erase the group.

To create a new group:

- Go into **Directory/Directory menu/Call groups**.
- Choose **Create group**.
- Enter a name and validate.
- Choose an icon using the scrolling arrows and validate.
- Choose a ring tone, then choose a vibrator mode, and validate.

The selection of a call group is made when entering a number into the directory, or when modifying a number you have already saved.

Activate the Call Groups function

If you want the characteristics of the groups to apply to each call:

If call groups are not enabled, you cannot attach correspondents to groups.

- Go into **Directory/Directory menu/Call groups**.
- Choose **Activate groups**.
- Tick the box and validate.

Note: the calls received from contacts who do not belong to a Call group use the parameters provided in the Ringing and beeps menu.

Available memory

To ascertain the number of groups which can still be created:

- Go into **Directory/Directory menu/Call groups**.
- Choose **Available memory**.

The first number shows the number of groups which can still be created, and the second shows the maximum number of groups.

Looking up a group

- Select the group to be looked up and press **OK**.

Choose **See group**. The screen presents the name, the icon, and the choice of vibrator mode of the group.

If there are contacts attached to this group, the **••** key can be used to view the list of these.

Modifying a group

- Select the group to be modified, and press **OK**.
- Choose **Modify**.
- Carry out the wanted modifications.
- Validate by **OK**.

Deleting a group

- Select the group to be deleted, and press **OK**.
- Choose **Delete**.
- Confirm by **OK**.

5.5 Sorting

The directory menu enables you to sort the stored numbers by name or location; for the latter, the free locations are indicated in the list.

5.6 Sending a short message to a stored number

- Select the recipient scrolling using the scrolling arrows and validate using **OK**. Select **Send message** and validate using **OK**.
- Compose your text message.
- Press **OK**. Select **Send** and validate using **OK**. The recipient number is displayed.
- Send your message using •• key.

5.7 Directory space memory




- In the **Directory menu**, select **Available memory**. Validate using **OK**.
- The screen will display the amount of available space on the SIM card and on the phone itself.

5.8 Displaying personal numbers

- Using the **Personal numbers** menu, you can create records for your own numbers in order to be able to consult them.

5.9 Making a call with a stored number

Here are all the ways you can call a correspondent, whose number you have saved in the directory, from the standby screen:

- 1) Enter the first letter(s) of your correspondent's name, as you saved it into the directory, and then press  .
The directory list is displayed, with the first name that corresponds with the letter you entered at the top. If your correspondent is not at the top, use the scrolling arrows to select the name.
Press on  to make the call.
- 2) Enter the number under which you have saved your correspondent's details, and then press on * (rapid dial).
- 3) Enter the number under which you have saved your correspondent's details, and then press on #. Your correspondent's number is displayed, at which point you can modify or add to the number.
Press on  to make the call.

6. How to use the text mailbox and the Easy Message T9™ function

6.1 Receiving a short message

- When you receive a short message, an icon flashes on your phone screen, a tone is emitted and the indicator light flashes red.

Access to this service depends on the network. For more information, consult your Operator or your Service Provider.

Your phone indicates:

- the location of the message in the phone or in the SIM card,
- the date and time that the message was received by the network,
- the number of the person sending the message.

By pressing on • (**Options**), various options are offered for a received message, depending on whether it has been read or not.

- To read a message received, select it and press **OK**. Read the message by pressing ▼ to scroll the text.

6.2 Editing a message using Easy Message T9™



The Easy Message T9™ function helps you to easily enter short messages.

Select the **Text messages/Write new...** menu and press **OK**.

Selecting the editing language

- Validate T9 by pressing the **..** key. Select using the scrolling arrows, the language required and validate by pressing **OK**.

Using T9 mode

- Press the key corresponding to the letter required, compose the word by continuing to press the keys corresponding to the different letters, without worrying about the display, until the whole word is entered: it will appear in negative, white on black.

T9™ mode is activated as soon as you create or modify a message.

Language

By default, the language used is that which is activated on the phone's menu display (or English if a language not supported by Easy Message T9™ is selected in the menu).

25

- If the word proposed corresponds to the one you are looking for, press **0** to validate it, create a space and go on to the next word.
- It is possible that there are several words in the dictionary that contain the same sequence of keys pressed. If the word that appears is not the one you want, press **@** to scroll through the words present in the dictionary, corresponding to this sequence of keys. When you find the word you want, press **0** to validate, type a space and go on to the next word.
- If the word that you want does not appear in the dictionary, several additional modes allow you to vary the nature of the words entered.

As you go along, depending on the keys pressed, the software looks in a dictionary for the corresponding words that are most frequently used.

Additional entry modes

- The key **••** selects one mode or another.
- The **123** mode (numeric) inserts numbers.
- The **Insert symbol** mode displays a list of symbols and the figures from 1 to 0 that correspond to them.

To enter a symbol, simply type the number that appears above the character required, for example: 6 for ?. The symbol is inserted into the text and you return automatically to Easy Message T9™ mode. Several lists are accessible using the scrolling arrows.

- The **ABC** (multi-press) mode enters words that do not exist in the dictionary or in another language. To obtain a letter, hold down the corresponding key. The letters and numbers scroll. Release the key when the required letter appears.

Capital letters

- You can type capital letters, by pressing the ***** key before entering the relevant character. The following characters will automatically return to lowercase.

Words in capital letters

- You can also choose to type a whole word in capital letters by pressing twice on the ***** key before entering the word. It is possible to return to lower case mode by pressing once on the ***** key.

Punctuation marks

- Punctuation marks are obtained by using either the **1** key (except in numeric mode), or using the Insert symbols mode (quick access using **#** key).

Accented characters

- Accented characters are automatically generated in the word in Easy Message T9™ mode. In ABC mode, you need to wait for the accented character to be displayed whilst holding down the corresponding key.

After validating text, you can choose one of the following options:

- Send your message
- Store your message
- De-activate Zoom
- Cancel.

The number of messages stored in the SIM card changes depending on the SIM card capacity; contact your Operator or your Service Provider. for further information.

6.3 Edited messages

Pressing the key • (**Options**), different options are available for an edited message:

- read it
- send it
- delete it
- modify it
- view the memory occupation level
- delete them all
- select a send option (acknowledgement, reply given, period of validity, message format)
- enter the message centre number.

7.1 Forwarding calls

Look out for incompatibilities; for more information, consult your Operator or your Service Provider.

Forwarding voice calls

Depending on your subscription, this service allows you to transfer incoming calls to another number or a mailbox.

7. How to use the call related features

- Scroll through the menu to activate the type of forwarding that you require:
 - Forward all voice calls: all incoming calls are forwarded to a number you define
 - Forward all conditional calls
 - Forward calls when your line is busy
 - Forward calls when there is no answer on your extension after a period that you can define by answering the questions on the menu
 - Forward calls when your phone is unavailable, outside of network coverage or switched off.
- Enter the number to which you want to forward your calls. If necessary, include the area code you would use if you were calling the number from your phone.

- **Validate by pressing ••**
A message on the screen confirms that forwarding has been activated.
- You can also cancel all types of forwarding.
- You can view the status of a type of call forwarding in order to verify whether it is active or not. This function is also useful for controlling the number to which your calls are forwarded. The information supplied is provided by the network in real time.

The forwarding number to the messaging centre depends on the subscription type.

Warning

Cancellations of forwarding can cause particular reactions in certain networks.

Forwarding data or faxes

Depending on your subscription, this service permits you to transfer data or faxes that are addressed to you to another number.



You can activate the data or faxes forwarding service, to enter the required number, cancel it and view the status of the service.

For services specific to a network, such as mailboxes, short dialling is only valid when covered by the particular network. You may possibly prefer an international number. This memory is linked to the phone and not to the SIM card.

7.2 Viewing the list of the last numbers used

You can consult the list of the last numbers used (outgoing and incoming if available).

To redial a number:

- Select from the list using the scrolling arrows. Make the call by pressing on .
- Shortcut: from the standby screen, press on .

Several options are available for this number: store it in your directory, send it a short message, delete it. You can also delete the whole list of numbers.

7.3 Monitoring the duration and cost of calls (*)

- On the **Counters** menu you can view the duration of the last call and all calls made since the last deletion.
- The **Delete durations** menu enables you to delete the duration of the last call and reset to zero the total calls counter.
- On the **Costs** (*) menu you can view the cost of the last call and all calls made since the last deletion.
- The **Delete costs** (*) menu enables you to clear the cost of the last call and to reset the call counter after entering your PIN2 code.
- The **Display of duration** menu enables you to select the duration display during a call.

This data is purely indicative and does not represent proof. The metering criteria for the network can be appreciably different (indivisible minutes, etc.).

7.4 Displaying the numbers

This menu permits you to see the status of the display numbers function for:

- your identity (phone number)
- the identity of the person calling you.

Anonymous mode

If you tick the anonymous box, your number is not displayed to the person you are calling.

Your number

- On outgoing calls you can check that your phone number is displayed on the phone of the person you are calling (CLIR).
- On incoming calls, you can check that the telephone number of a phone to which you are transferring calls will appear on the phone of a person calling you (COLR).

Callers Number

- On outgoing calls, you can see the phone number to which your call is being transferred (COLP) if the person you are calling has authorised his or her identity to be displayed by deactivating the COLR option.

- On incoming calls, when it is activated, this function displays on your phone the phone number of the person calling (CLIP). This function is only possible if the caller has authorised his identity to be displayed by deactivating his CLIR option.

7.5 Authorising double call

(Service depending on the operator) **Call waiting**

During a call, a special tone can inform you that another caller is trying to reach you. The caller's number - and name, if stored - is displayed on the screen.

During a call, when pressing the @ key, the • key changes function and gives access to different possibilities of actions with this call.

You can activate, deactivate and view the status of the call waiting service in order to check whether it is active or not.

7.6 Configuring automatic redial

You can activate automatic redial either by default or on demand.

31

7.7 Voice mail number

To program a special permanent call number, type in this number and validate. This number is used when calling the voice mail centre with the programmable keys.

7.8 Local information distribution

This menu allows you to activate and select reception of information distributed by the network. (Contact your operator for further details).

7.9 Replacing the international prefix

(Depending on model)

In the event that a call is not possible with the "+" prefix, you have the option of choosing a replacement prefix with no need to change the number(s) already recorded with the prefix + in the directory.

Warning

For network specific services, such as message centre, speed dialling is valid only if the area you are calling from is covered by the network. In certain cases, it is better to use an international phone number. This memory is linked to the phone and not to the SIM card.


7.10 Placing calls on hold

(Service depending on the operator)

During a call, you can put the current call on hold by pressing **Ok**.

During a call, when pressing the **@** key, the **•** key changes function and enables you to access different options for the call.

Warning

In this case, pressing  ends all calls.

7.11 Multi-conferencing (*)

(Service depending on the operator and depending on model)

A multi-conference is limited to 6 participants: 5 in a multi-conference and one additional call

During a call, when pressing the **@** key, the **•** key changes function and gives access to different possibilities of actions with this call.

Multi-conferencing enables you to talk to several callers (depending on the network capacity and on the model).

Standard commands

Sequences of standard keys also permit access to services such as call notification, call holding, multi-conferencing, and open up additional possibilities:



Reject a call holding or waiting (or multi-conference calls).



End the current call holding or waiting (or the multi-conference calls if there are any) and accept the call (or multi-conference calls).



End the current call order number X.



Place on hold the current call (or multi-conference calls) and accept the call holding or waiting (or multi-conference calls).



Place on hold the multi-conference calls except for the current call order number X (private call).



Add a call holding (or multi-conference calls) to the current call (or to the multi-conference).



Place on hold the current call (or the multi-conference calls) and call another telephone number.


If you use this feature, we recommend that you first place the current caller on hold, then dial the new number as a courtesy to your caller and to ensure privacy with the other party if desired.



End all calls except for a possible call waiting.

8.1 Selecting the volume and the type of ringing tone

You can set your phone to ring on receiving calls and/or short messages.

- You can, during adjustment, listen to the melody selected or not: activate or don't by pressing @; the symbol  appears barred or not.
- Select the ringing tone required using the scrolling arrows.
- Press •• to move on to the next section.
- Select the volume required for using the phone with the scrolling arrows (from 1 to 4 and + for the volume crescendo) and validate using **OK**.
- Press •• to move on to the next section.
- Select the volume required for using the hands free car or pedestrian kit with the scrolling arrows (from 1 to 4 and + for the volume crescendo) and validate using **OK**.

There are numerous tunes available (including a «silent ringing tone») and several volume levels including a crescendo.

8. How to adjust the ringing tones and the vibrator

8.2 Call groups

See chapter **How to use the directory** for all the functions about call groups.

8.3 Personalising the ringing tone

You have the option of creating a personalised call tune. A help menu, accessible by pressing **••**, will guide you.


8.4 Setting the vibrator

Wherever you require your calls to arrive discreetly, you can use the vibrator or select the silent mode.

- Using the scrolling keys, select one of the following options: inactive vibrate, only vibrate, vibrate and ring, vibrate then ring.
- Validate by pressing **••**.

8.5 Selecting silent mode

If you want the ringing tone of your phone to be replaced by the vibrator and the beeps to be suppressed (except for the alarm tone), tick the box and validate by pressing **OK**.

This mode is indicated by the symbol  on the screen saver.

Silent mode is automatically deactivated when the hands free kit car is connected as well as when the phone is switched on/off.

8.6 Setting the beeps

Different controls are available:

Setting the keypad tones

- Select the tone required using the scrolling arrows and validate (press **••**).

Setting the network tone

If you want your phone to give a warning beep when it locates a network on which it can communicate:

- Tick the box and validate by pressing **OK**.

You can select the tones produced by your keypad: Beep, DTMF (musical keys) or non active tones (in this last case, when you press your keyboard, it does not make a noise).

Setting the low battery tone

If you want your phone to give a warning beep when your battery is low:

- Tick the box and validate by pressing **OK**.

8.7 Deleting DTMF tones

You can delete the emission of DTMF tones during a call. You can thus make a call, in a comfortable and discreet way for you caller.

- To be discreet, clear the selection from the box. Validate by pressing **OK**.

9. How to adjust and customize your phone

9.1 Customizing your phone

Menus type

You have the option of personalising the presentation of the menus, and so of limiting access to certain functions.

Three levels are available:

- Expert: presents all of the functions
- Essential: presents the main functions
- Restricted: limits access to certain functions.

Installing the energy saving mode


In order not to use the phone's screen light and thereby increase its operating time:

- In the **Customization/Energy saving** menu, check **No light** and press **OK** to validate.

Configuring the idle mode (depending on model)

You can choose between an animated idle screen or the economy mode.

- In the **Customization/Screen Saver** menu, use the scrolling arrows to select the animation you want or the economy mode.
- Press **••** to access the setting of the animation or economy mode activation interval.
- Press **OK** to validate.

Note: to exit the economy mode, press .

Personalising the welcome screen (depending on model)

You can personalise the welcome screen of your phone by typing a text.
Validate by pressing **OK**.

Customizing the programmable keys (depending on model)

This menu, accessible directly by a short press on a programmable key from the standby screen, enables you to configure the **•** and **••** keys. There are different possibilities for each of the keys:

The action allocated to a programmable key is triggered by a long press or two short presses only from the standby screen.

Directory

- **Validate Directory.**
When you press the key, you can see the names in the directory.

Rapid dial

- Select a name from the directory and validate. When you press the key, you will automatically call the name selected.

Silent mode

- **Validate Silent mode.**
The ringing tone of your phone will be replaced automatically by the vibrator and all the beeps will be suppressed (except for the alarm).

Silent mode

This mode, indicated on the screen saver, is automatically deactivated/activated when the hands free kit is connected.

Call voice mail

- Validate Call voice mail.
When you press the key you will automatically call your mailbox number.

Text messages

- Validate Text messages.
When you press the key you can read the short messages stored in the SIM card or in the phone itself.

View calls

- Validate View calls
When you press the key, you can view the list of the last calls made and received if available.

9.2 Selecting the display language

You can select the language in which you wish your phone display to operate:

- Automatic selection.
The display language will be that of your SIM card (if available).
- otherwise select the language of your choice using the scrolling arrows and validate by pressig **OK**.

9.3 Select the type of response

You can reply to a telephone call:

- either automatically, if you have ticked the Automatic ans. box (for a hands free kit) and validated by pressing **OK**.
- or by pressing any numeric key if you have ticked the Any key and validated by pressing **OK**.

9.4 Selecting the network

Every SIM subscription card can store an ordered list of preferred networks.

- If the list has not been programmed, or if none of the networks on the list are available or authorised, the phone searches for an authorised network providing the highest level of signal.
- If none of the available network is authorized, you can use your phone to make emergency calls only until a network connection can be re-established.

Network

When your home network is not accessible (abroad, for example), your phone automatically searches for another available and authorised network in the order of preference indicated by the list on the SIM card.

- If no network is available, your phone continues to search for one.
- In all cases, the phone searches for its home network first.

In specific cases, manual forcing is possible.

Using the scrolling arrows, you can select:

Available networks

This menu enables you to start a search for all available networks at the present location and to display them.

- To manually force the chosen network, use the scrolling arrows and validate (press ●●).

Preferred networks

To program a list of preferred networks into your SIM card:

- Use the scrolling arrows to select from the list.
- Validate.

If the network is not on the list, select the country code then the network code (ask the organisation from which you obtained the SIM card).

9.5 Setting the time and date

Setting time/date/**Control** menu

- Set the hours and minutes by pressing on the corresponding numbers or by scrolling through the values using the ▼ or ▲ arrows.

Press ●● to go to the next setting.

- Set the day, month and year.
- Press **OK** to validate.

Setting time/date/**Display** menu

Depending on model:

- Use the scrolling arrows to select the type of clock to be displayed on the screen or to display no clock. Press **OK** to validate.

or

- Check the **Display** box. Press **OK** to validate.

9.6 Controlling screen contrast

- Control screen contrast using the scrolling arrows, and validate by pressing **OK**.

9.7 Converting currencies

This menu enables you to convert one currency into another. Using the scrolling arrows, you can select:

Rapid exchange

- If you tick the Rapid exchange box, the converter will operate on the standby screen, enter the digits required and use the scrolling arrows to perform a conversion.

Exchange rate

- Enter the conversion rate corresponding to the two selected currencies.

Currencies

- Enter the symbols of the two currencies to convert. A long press on **C** returns to the beginning of the line to enter them (if the symbols are already entered).

10. How to use the security features of your phone

10.1 Locking the keyboard

This menu enables you to lock your phone's keyboard to prevent calls from being made unintentionally in your bag or pocket.

- Tick the Lock box: the keyboard will automatically be locked.

- To unlock your keyboard: Press * then **OK**.

After unlocking, the keyboard will be locked after a certain period.

Locked keyboard

You can still make emergency calls and answer calls.

For a quick keypad locking, press * then **OK** from the standby screen.

Warning

If the wrong PIN code is entered three times in a row, the card will be locked. To unlock your card, call the organisation which issued your card for guidance in unlocking it. If your SIM card is permanently locked, contact your Operator or your Service Provider to obtain a new card.

10.2 Changing the PIN number

You can change your PIN number:

- To the question: Old pin number ?, enter your old PIN code and validate (press ••).
- To the question: New pin number ?, enter your new PIN code (a number between 4 and 8 digits) and validate by pressing **OK**.

- To the question: Verify pin number ?, enter your new PIN code a second time to verify and validate by pressing **OK**.

Checking the PIN number

You can activate your PIN number so that it is requested and checked every time the phone is switched on, so that if the phone is lost or stolen, your SIM card cannot be used:

- To the question: Pin number ?: enter your PIN number and validate (press ••).
- Tick the box Pin number cont and validate by pressing **OK**.

10.3 Changing the PIN2 number (*)

You have a second PIN number. The procedure for modifying the PIN2 number is identical to that for the PIN number.

10.4 Changing the phone code

The phone code menu enables you to activate the phone code so that it is requested and checked each time the phone is switched on, in the case of a different SIM card being used.

The phone code is a secret code, intended to protect the phone in the event of theft. It is linked automatically to the SIM card present on activation.

43

If the incorrect code is entered, the time interval between each attempt increases, making use impossible.

To change the phone code, you must first check that it is active (Control phone code menu).

To activate:

- To the question: Phone code?, enter 0000 and validate (press ••).
- Tick the Telephone contr box and validate by pressing **OK**.

To deactivate:

- To the question: Phone code?, enter your code (possibly changed) and validate (press ••).
- Do not tick the Telephone contr box and validate by pressing **OK** because it will reset the code to 0000.

Once the phone code is activated, you can modify it:

- To the question: Old phone code?, enter your old phone code and validate (press ••).
- To the question: New phone code? enter your new phone code (a number of between 4 and 8 digits) and validate by pressing **OK**.
- To the question: Verify phone code enter your new phone code a second time to verify it and validate by pressing **OK**.

10.5 Changing the operator password (*)

You have an operator password. The procedure for modifying this password is identical to that for your PIN code.

10.6 Limiting incoming calls (*)

Depending on your subscription, this service enables you to restrict certain types of incoming calls.

- If you have this service, you will have been provided with a password when you subscribed. This password is necessary to activate this function.
- You can activate, deactivate, and view the status of the type of call barring. You can also cancel ALL types of barring.

The restriction can apply to ALL incoming calls or to incoming calls when you are not in your home country (if you have roaming).

Access to this service depends on your subscription type. For more information contact your Operator or Service Provider.

10.7 Limiting outgoing calls (*)

Depending on your subscription, this service stops certain types of outgoing calls being made from your phone.

- If you have this service, you will have been provided with a password when you subscribed. This password is necessary to activate this function.

The restriction can apply to ALL outgoing calls, to all your INTERNATIONAL outgoing calls or to outgoing international calls EXCEPT those sent to your HOME country.

- You can activate, deactivate, and view the status of the type of call barring. You can also cancel ALL types of barring.

Access to this service depends on your subscription type. For more information contact your Operator or Service Provider.

10.8 Setting up the pre-set directory (*)

The pre-set directory allows you to limit calls. When you activate this directory, only the numbers you store in this directory can be called.

This directory is linked to the SIM card. Thus, its size is determined by limitations of this card.

Before creating it, you must first activate it:

- Display the Pre-set directory menu.
- Enter your PIN2 number.
- Tick the Pre-set directory box.
- Validate by pressing **OK**.

To create the pre-set directory, proceed as you would proceed for another directory (see chapter Directory/Storing a number).

10.9 Charge checking (*)

The Settings menu allows you to select the type of charge indication after entering your PIN2 code:

- Currency: enter the currency name (maximum 3 characters) and charge per unit. Ask your operator for this value.
- Telephone unit.

The Limitation menu allows you to activate the credit function in the selected currency after entering your PIN2 code.

Warning

These functions depend on the ability of the network to send charge data to your phone in real time, and on the capacity or options on your SIM card.

11.1 Calculator

You can operate the calculator using the following keys:

••	Add
@	Subtract
*	Multiply
#	Divide
OK	Equals
C	Delete
Long press on * or # or @ or ••	Decimal point
••	Monetary operations if there is no calculation in progress
▼ ▲	Monetary conversion.

11.2 Setting the alarm

To use your phone as an alarm clock:

- Using the numbers or the scrolling arrows, set the alarm time.
- Press •• to go to the next item.
- Set the minutes.
- Tick the box and validate by pressing **OK**.


11. Other functions

The ringer is stopped by pressing any key; the alarm remains programmed.

The alarm function remains active when the phone is switched off. It is not affected by silent mode.

11.3 Setting the timer

The same procedure is applied as for the alarm function, but in this case you start a time clock running against a defined value. The phone must remain switched on.

The alarm function is represented on the screen by the symbol . Permanent flashing of this symbol indicates that an alarm time has been programmed but the date and time clock has not been initialised.

11.4 Configure your phone with a car kit

(Depending on the model)

As regards the phone, there are several options:

Programming the switch-off delay on your phone

- Set the phone off delay using the numbers or scrolling arrows.
- Press **••** to go to the next item.

To use your phone with a hands free kit, see the notes supplied with the kit.

This delay starts counting down as soon as the end of a call is detected.

- Tick the box and validate by pressing **OK**.

Programming the alarm timing

You can be notified that your phone is ringing when you are not in your car.

This can only happen when the vehicle is not running.

- Set the delay after which an external warning is set off using the digits or scrolling arrows.
- Tick the box and validate by pressing **OK**.

11.5 Data parameters

You can set the serial link speed when using AT commands.

12.WAP Function Mobile Internet

The WAP browser remains the exclusive property of Phone.com. It is therefore highly prohibited to modify, translate, reverse engineer, de-compile or disassemble the Phone.com browser or any part thereof.

12. WAP Function

48

From the standby screen, press on the @ key to access the local menu for WAP functions.

Depending on model, scrolling menu 0 allows you to access the WAP function.

Home: connection to the home page.

Bookmarks (depending on model): this menu enables you to record a directory of Internet site names and addresses for easy and fast access. From the standby screen, following a number key with the @ key initiates access to the favourite corresponding with the number.

Go to URL (depending on model): this menu enables you to directly enter an Internet address.

Advanced...: access to the sub-menus:

- Connection settings which allow you to set the parameters for several access providers (depending on model). The current access service has a star in front of it.
- Show URL which presents the current Internet address.

- Disconnect which ends the communication (allows a navigation without being connected).
- Linger timer enables you to set a time limit, after which the phone will disconnect automatically if you have forgotten to disconnect from a service.

Reset cache: empties data stored from previous connections.

Quit: return to the phone standby screen.

The ▼ icon enables you, by pressing the @ key, to access two display modification possibilities:

- the zoom to change the size of characters by pressing on • successively,
- full screen display by pressing on ••.

Connection

- From the **Home** menu, start up connection to a service (when connecting on the GSM network, the @ character flashes, and the cost of communications starts to clock up as soon as it stops flashing).
- Once connected to a service, press on ▼ then [Menu] to return to the local menu.

Disconnection

- Disconnection is achieved by pressing on ▼ then [Menu] and then by using the **Advanced...** menu and **Disconnect**.

The @ character disappears from the screen.

You will be automatically disconnected after a short pause if you have forgotten to disconnect from a service.

Exit from the WAP function

To exit from the browser and end the current communication (if necessary):

- press .

or

- from the local menu, select **Quit** and validate by pressing **OK**.

The WAP browser is licensed from:



Depending on the model, several games are available. The presentation menu guides you on how to best use them.

13. Games

14. Available accessories

51

Depending on the model, different accessories are available on your phone:

- Additional batteries
- Additional chargers
- Desk charger
- A cable for data exchange between your phone and a PC
- Cigarette lighter adapter
- Hands-free kits
- Coloured front panels

Warning

Do not connect/disconnect the special socket on your phone during a call.

The use of the EXTERNAL SIGNAL function to activate the lights on a vehicle or the horn, in order to take a call on a public road, may not be authorised.

Upkeep

Clean your phone using a soft slightly damp non fluffy cloth.

Battery

After a long period of non use (several months), when the charger is being connected, the unit might not switch on.

In this case:

- Disconnect the charger, wait a few seconds, and plug it in again.
- It may be necessary to repeat this several times

Maintenance menu

This menu contains information that you could be asked for to perform specific operations. If they are required, you will be shown how to find information you need.

Warning

Certain chemical products can damage plastic. Do not use aerosols, certain special cleaning products, corrosive products, solvents, alcohol and detergents.

15. Upkeep

16. Recommendations

53

The use of your phone is controlled by safety regulations intended to protect both the user and his/her environment.

Electrical safety

Only use the appropriate chargers contained in the manufacturer's catalogue. Using another charger could be dangerous and will invalidate the manufacturer's warranty.

The main plug socket must be easily accessible.

The main voltage should correspond to that given on the manufacturer's plate on the charger.



CE marking on the unit conforms to directives 1999/5/EC, 89/336/CEE and 73/23/CEE.

Airplane safety

In an airplane, your phone must be switched off to ensure that it does not interfere with the planes systems. Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

Areas containing combustibles

It is advisable to switch your phone off in the vicinity of gas stations.

Regulations limit the use of radio equipment in chemical factories, gas depots and any area where there are mines. You are advised to abide by these rules.

Road safety

Except in an emergency, do not use your phone when driving without a hands-free kit that enables you to maintain your freedom of movement. Always keep your eyes on the road when you are driving. To make a call, pull to the side of the road, then make your call. Abide by the current laws.

The phone must be shielded sufficiently from electronic equipment in the vehicle. It gives off micro-waves, which may affect the operation of such equipment.

- Installation of your phone in a vehicle must only be performed by qualified personnel.

Non ionising radiation

- To obtain maximum satisfaction from your phone, use it in a vertical position. Your personal safety can only be improved by doing so.

Electronic medical equipment

- Your phone emits radio waves that could possible interfere with electronic medical equipment, for example an auditory prosthesis, heart pacemakers, ... Your doctor or the manufacturer of the medical item will be able to advise you on whether your phone could cause such interference.
- In hospitals, the phone must be switched off.

Warning

Ensure that no part of your body is permanently close to the aerial unless there is a metal screen (e.g.: a vehicle roof, ...).

General precautions

- Do not attempt to open your phone and repair it yourself. The manufacturer cannot be held responsible for any damage/accident that may result from this.
- Any work carried out by non-authorized personnel will invalidate your warranty.
- Do not use your phone in damp areas (bathroom, swimming pool, ...). Protect it from water and other liquids.
- Do not expose your phone to extreme temperatures.
- Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).
- Use your phone with original accessories, or your warranty will be rendered invalid.
- The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.
- Removing the battery may mean that the time is lost.

55

- You are strongly advised not to connect your phone to the charger if it doesn't contain a battery.
- To avoid the risk of demagnetisation, do not let electronic devices close to your phone for a long time.

Warning

The constructor cannot be held responsible if the above recommendations are not followed or if the phone is incorrectly used.

The software program developed by SAGEM remains the exclusive property of SAGEM SA. It is therefore highly prohibited to modify, translate, de-compile or disassemble this software program or any part thereof.

Answers to your questions

The telephone does not turn on

- Remove the battery and then replace it.
- or
- Connect the telephone to the charger (check that this is plugged in) for approximately 5 minutes.

No network recognised

- Remove the SIM card. Check that there is no dust or grit in the SIM slot. Replace the SIM card being sure to push it right up to the stop point.

Calls to a messaging service or voice server do not get through

- Check in the Ringing and beeps/Tones menu that the box is ticked.



251053234



DATA SUBJECT TO CHANGE WITHOUT NOTICE

SAGEM SA

MOBILE PHONES DIVISION

6, avenue d'Iéna - 75783 PARIS CEDEX 16 - FRANCE
S.A. au capital de 37 890 522 € - 562 082 909 R.C.S PARIS

