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**SAGEM**

**Technology in Action**

ENGLISH

## IN A FEW WORDS ...


### Switch on

- Open the flap (depending on the model) and press .


### Call

- Dial the number then press .

### Answer

- Press  (or open the flap depending on the model).

### Hang up

- Press  (or close the flap depending on the model).

### Switch off

- Press  (long press).

### Hands free

- To communicate, press .


### Lock the keyboard

- Choose ACTIVE in the SECURITY/LOCK K. PAD menu or press \* then **Ok**.

### Unlock the keyboard

- Press \* then **Ok**.



### Redial last number

- Press .

### Enter a number into the directory

- Press **Ok**.

### Make a call from the directory

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



## MENUS

Enter using ▲ and ▼

Navigate using ▲ and ▼

Validate using OK

Quit using C

DIRECTORY

MESSAGES

CALLS

RNG & BEEP

SETTINGS

SECURITY

ACCESSORY

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.

In order to use your phone effectively and in the best conditions, we advise you to read this manual written for your attention carefully.

## 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.

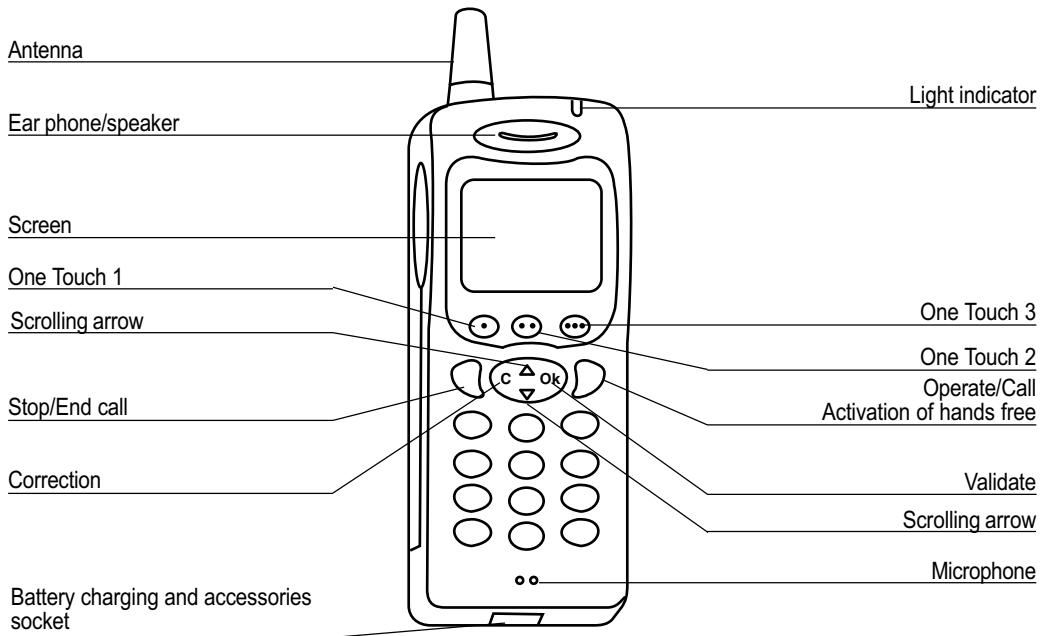
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## GLOSSARY

- 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.



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## 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 – Control
  - volume
- ▼ and ▲ Entry and scrolling through the menus.

## Alphanumeric keyboard

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







To obtain a letter, hold down the relevant key, the number and the letters will appear; stop pressing when the required 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.

## Display

Various icons provide information, for example:

-  Battery charge indicator (black if charged, clear if discharged)
-  Received signal strength indicator (maximum strength: 5 bars)
-  Hands-free loudspeaker
-  Alarm
-  Call in progress
-  Silent mode



## 2.1 Information on the SIM card

To use your phone, you have a small card called a SIM card. This card contains all the information necessary for the network as well as other information that belongs to you and that you can modify:

- secret codes (PIN code(s) - Personal Identification Number),
- directory,
- mini-messages,
- functioning of specific services.

### **SIM card**

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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 your SIM card within the reach of small children.

## 2. Getting started

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## PIN code

This is the personal code for your SIM card. This code could be requested of you when 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** to validate.

## PIN2 code (\*)

This second code if it was given to you by your operator, provides security of access to certain functions.

### Attention

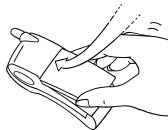
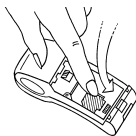
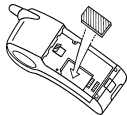
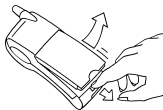
If the wrong PIN code is entered three times in a row, the card will be blocked. To unlock your card, call the organisation from which you obtained this card, they will guide you on the procedure to use. If your SIM card is permanently locked, contact your Operator or your Service Provider to obtain a new card.

## 2.2 Installing the SIM card

Switch off your phone; disconnect the charger.

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

- Turn your phone over and remove the battery by pulling on the strip on the lower part of the phone: it lifts up and you can release it.
- 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.
- Replace the battery by first positioning the upper section then pressing 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 mains socket.
- Connect the end of the charging cable to the bottom of your phone.

The phone will start charging, the battery charging indicator indicates the level of charge.

Charging stops by itself.

- Unplug the cable.

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

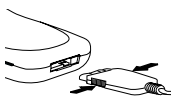
### Attention

The battery does not contain any components that can be changed by you.

Do not attempt to open the battery case.

Only use the appropriate chargers and batteries as specified in the manufacturer's catalogue.


Spent batteries must be collected at the appropriate sites.



**There is a risk of explosion if the battery is incorrectly replaced.**

## 2.4 Switching on/switching off, starting up

To make your first call:

- 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** to validate.

### Control of the PIN code

If your phone displays SIM MISSING, 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 it, it displays the name of the network on the screen and the light indicator flashes green.*

You are ready to make or receive a call.

- *If it finds another network, only emergency services will be accessible (police, ambulance, fire brigade).*
- *If it cannot find a network, it will keep searching.*

## Switching off

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

### 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.

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## 2.5 Menu access

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

- Press the scrolling arrows ▼ or ▲ to access the menus.
- Scroll through the menus 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 menus

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 for longer on this key: you will delete the previous word.

## 3. Initial communication


### Hands free mode

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## 3. Initial communication

### 3.1 Making a call

The network is displayed.


- Dial the number with the area code (if necessary).
- Press .

*During the call,  flashes on the screen and tones signal the establishment of communication.*

- When the person you have called answers, speak.
- To call the international emergency service, dial 112 then press .

### 3.2 Receiving a call

When you receive a call:

- Press  (or open the flap, depending on the model) then speak.

The caller's number is displayed when it is presented to the network. This number is automatically registered whether you answered the call or not.

### International call

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

### Emergency services

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

### 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 by simply pressing one key and the reverse to switch back.

- Press .


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

The “Hands free” mode enables you to have 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  (or close the flap depending on the model).

*The end of call message appears on the screen.*

## 4. Menu list

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

### Directory

ALPHA SORT  
POSITION  
SERVICES (\*)  
MY NUMBER (\*)  
USE

### Messages

READ  
SEND  
USE  
CLEAR  
CELL.INFO. (\*)

### CALLS

CALL FRW.  
LAST  
CLEAR  
SEND NO (\*)  
AUTO RDIAL  
DBLE CALL (\*)  
DURATION  
COST (\*)  
MSG CENTER

### Rng & beep

SILENCE?  
VIBRATOR  
HANDSET

HANDSET  
FREE HAND  
ALARM  
TIMER  
BEEPS  
SEND DTMF

### Settings

PROG. KEY  
GREETING  
LANGUAGE  
ANSWER  
NETWORK  
DATE/TIME  
MISC

### Security

LOCK K.PAD  
PIN CODE  
PIN CHECK.  
PHONE CODE  
PHONE CHCK  
PIN2 CODE (\*)  
FIXED REP. (\*)  
COST (\*)  
LIMIT

### Accessory




CALCULATOR (\*)  
EXCHANGE

## 5. How to use the directory

### 5.1 Directory capacity and display

You can store the phone numbers that you call regularly.

Different icons will inform you of the directory location where the number is stored:

-  SIM card directory
-  Your phone's directory (depending on the model)
-  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 supplier will be able to inform you.

### 5.2 Sorting

#### **DIRECTORY/ALPHA SORT**

In this menu, the stored numbers are sorted in alphabetical order.



## 5.3 Storing a number

### DIRECTORY/POSITION

- Using this menu, display a screen with **MEM001** (first position of SIM card). Press **\*** to access the first available location in the directory.
- Press **Ok**, then enter the name to be stored (the number of characters accepted depends on the SIM card).
- Press **Ok**, then enter the phone number to be stored preceded by the area code if necessary (up to 20 characters). Validate by pressing **Ok**.

It is advisable to store numbers in their international format (+, country code, and number).


Pressing on the **\*** key launches a search for the first available location.


You can introduce pauses in the number (indicated by comas “,”) by holding down **\*** or **#** (including on the standby screen). The numbers dialled after a pause are used in DTMF sequences (which can be used after a call number).

## 5.4 Deleting a number

To cancel the content of a directory address, erase the name and the call number at that address, then press **Ok**.

## 5.5 Making a call to a stored number

- Enter the memory number in which you stored the required phone book references, then press **#** (quick call).  
or
- Type in the first letter(s) of the required name stored in the phone book, then press ,
- or
- Enter the memory number in which you stored the required references in the phone book then press **\***; then you can modify or complete the phone number (the prefix can be a phone extension, for example).

Press  to initiate the call.

### Modification of a stored number

When the number is displayed, press **\***, you can then modify or add to the number (prefix to add for an extension number for example).

## 5.6 Accessing services provided by the Operator

### DIRECTORY/**SERVICES** (\*)

With this menu, you can access to certain services provided by your Operator.

## 5.7 Displaying your phone numbers

### DIRECTORY/**MY NUMBER** (\*)

This menu displays your phone number.

## 5.8 Directory occupation

### DIRECTORY/**USE**

This menu shows how many memory locations are occupied in your directory.

## 6. How to use the written message function

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This service allows you to send and receive messages in plain text, usually called short messages.

Your frequently used short messages can be stored:

- in the SIM card: in this case, the number storable depends on the capacity of the card; for details, contact your service provider;
- in the phone itself (depending on the model).

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

Various icons provide information on:



Position of the message in the phone (depending on the model).



flashing

At least one message not completely read.



steady

Messages all read.



flashing

Memory full with at least one message not completely read.



steady

Memory full.

## 6.1 Creating new short messages using Easy Message T9™

*(Function available depending on model)*

The Easy Message T9™ software is activated as soon as you want to create or modify a message (Menus: MESSAGES/ SEND/NEW MSG and MESSAGES/SEND/ EXISTING).

The Easy Message T9™ heading is displayed briefly to indicate that the function is available in the message creation mode.

In the input screen, when you are in mode T9™, the following keys:

- |           |              |   |
|-----------|--------------|---|
| ▲ and ▼   | are used to: | move from word to word in the text typed in       |
| <b>C</b>  |              | correct the last word or erase the last character |
| <b>Ok</b> |              | validate the message and send it or save it       |
| •         | quick press  | change the input mode                             |



- |     |             |  |
|-----|-------------|--|
| ••• | quick press | go through the list of words in the dictionary that correspond to the input sequence |
| ••• | long press  | change the input language (according to model).                                      |

### Operation

- Press once on the key which corresponds to the letter chosen and create the word by pressing on each letter of the word, without paying any attention to the screen, until the whole word has been input: the word then flashes.
- As the text progresses and according to the keys pressed, the software searches through a dictionary for the most frequently used corresponding word(s).
- If the word suggested corresponds to the word you want to input, just press on **0↵** to validate it, put in a space then move on to the next word.

- It may be that several words in the dictionary correspond to the sequence of characters keyed in. If the word that appears is not the word you want, just press on the **...** key to go through the words in the dictionary that correspond to that particular sequence. When you find the right word, press on the **0** key to validate it, put in a space then move on to the next word.
- If the word you want to input is not included in the dictionary, there are several additional modes that can be used to vary the type of words chosen.

### Additional input modes

The Easy Message T9™ mode is activated as soon as you create or modify a message. There are also other modes which complete the functions of that mode.

The **.** key is used to switch from one mode to another; the active mode is indicated at the bottom of the screen (according to model).

- The **123 (Number)** mode is used to insert numbers.
- The **ABC (Multi-Tap)** mode is used to enter words not found in the dictionary or words in another language. To obtain a letter, press and hold the corresponding key. The letters and number will scroll down. Stop pressing when the desired letter appears.

### Capitals

You can type letters in capitals by pressing on the **\*** key before keying in the particular character. Subsequent characters automatically revert to lowercase.

You can also chose to type a whole word in capitals by pressing twice on the **\*** key before typing in the word. To return to the lowercase mode, press once on the **\*** key.

### Symbol

To enter a symbol, press the **#** key then simply key in the number indicated above the desired character, e.g. 3 instead of ?. The symbol is inserted in the text, then you automatically return to the Easy Message T9™ mode. Several lists are accessible by using the scroll arrows.


## Punctuation

The punctuation characters are obtained either by using key 1, or through the Symbol menu (various punctuation characters).

## Accented characters

Accented characters are automatically produced in the word in the Easy Message T9™ mode. In the Multi-Tap mode, all you have to do is wait for the display of the accented character corresponding to the key pressed.

## 6.2 Receiving short messages

When you receive a short message, the  indicator flashes on your phone screen and an audio tone is heard. (This tone is selected using the menu RNG & BEEP/HANDSET/MESSAGES).

The screen displays: **MESSAGE RECEIVED**.  
The LED flashes red.


## 6.3 Reading short messages

### MESSAGES/READ

This menu allows to read the received short messages.

Your phone displays:

- *New message or message not completely read.*
- *Message number.*
- *The date and time of arrival of the message.*
- To read the selected message, press **Ok**.  
*Your phone displays the number of the sender of the message.*
- Scroll them with the scrolling arrows until CLEAR.  
*Your phone indicates OLD (out of the menu) once the message has been completely read.*

During reading of messages, any messages not read completely are displayed first. When all messages have been read in full, the  indicator remains continuously visible.

## 6.4 Sending short messages

### MESSAGES/SEND

Several options are available:

### MESSAGES/SEND/NEW MSG

- Enter the text of your new message. After validating, you can choose from several options:
  - Send your message.
  - Save your message.
  - Modify the text of your message.

### Attention

To use this service, you must know the number of your messaging centre to which you send your messages in order for them to be rerouted to your contacts.

# 6. Written message function

## MESSAGES/SEND/EXISTING

- This menu allows you to work on already saved messages. Processing is identical to that for a new message. Select the message by pressing the scrolling arrows.

If the network allows, the message sender may offer you a reply possibility.

## MESSAGES/SEND/VALIDITY

- Select a validity length for your message by pressing the arrow keys; this determines how long the messaging center will keep the message while attempting to forward it to the recipient (if this function is supported by the network).

## MESSAGES/SEND/FORMATS

### Attention

- Choose the format of your message by pressing the arrow keys: text, fax, E-mail, voice msg, pager, X.400 or ERMES.

The network may support only one or other of these formats.

The phone will automatically return to text format after switching off

## MESSAGES/SEND/MSG CENTRE

- This menu allows you to enter the number of «your» messaging centre.

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## MESSAGES/SEND/OFFER REP

### Attention

- If the network allows, you may offer the recipient number of your message a reply possibility.

The reply will be charged on your subscription.

## 6.5 Memory occupancy rate

### MESSAGES/USE

This menu allows you to determine the memory occupancy rate. When no more space is available, the display reads **MESSAGE FULL** upon receiving a message.

## 6.6 Clearing short messages

### MESSAGES/CLEAR

This menu allows you to clear the short messages already read, in order to free-up memory space.

## 6.7 Information distribution

### MESSAGES/CELL.INFO. (\*)

This menu allows you to activate and select reception of information distributed by the network.

Contact your Dealer or Operator for further details.

# 6. Written message function

## 7.1 Forwarding calls

### CALLS/CALL FRW.

If allowed by your subscription, this service allows you to forward the received calls (incoming calls) to another number.

### CALLS/CALL FRW./ACTIVATE

- Scroll the menu to activate the type of call forwarding required.
- UNCONDITIONAL call forwarding: all your incoming calls will be forwarded to the number you have chosen.
- BUSY: incoming calls will be forwarded only when your phone is BUSY.
- NO REPLY calls are forwarded when your caller gets no answer from your phone after a period of time you can set by answering the questions asked by the menu.
- NOT REACHABLE calls are forwarded when your phone is not reachable, either outside network coverage or switched off.

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

## 7. How to use the call related features

---



- Dial the number to which you want your calls to be forwarded to, giving the same area codes as if you were calling from your phone.

A screen message confirms activation of call forwarding.

The forwarding number is attached to the subscription number of your SIM card and not to your phone.

### CALLS/CALL FRW./DEACTIVATE

- Scroll the menu to deactivate the type of call forwarding required.

You can deactivate ALL call forwarding options.

### CALLS/CALL FRW./STATUS

- This menu allows you to consult the status of the call-forwarding option and check whether it is active or not. This function is also of use when checking the number your calls are forwarded to. The displayed information is given by the network in real time.


#### Attention

Cancellations of forwarding can cause particular reactions in certain voice mailbox systems on the network.

## 7.2 Viewing the list of the last numbers used


The last phone numbers (outgoing and incoming if available) are automatically stored in memory.

To redial a phone number:

- Press ,

or

### CALLS/LAST

- With this menu, the last numbers stored are displayed. You may choose among the list by pressing the arrow keys.
- Press  to call the selected number.
- Or press **Ok** to store this number in the directory.

#### Storing a number in the list

Enter the number then press **Ok**. You can do this during a call.

## 7.3 Erase numbers

### CALLS/CLEAR/LAST

This menu allows you to trigger immediate clearing of the last-numbers list.

- Validate by pressing **Ok**.

### CALLS/CLEAR/AUTO.

You can also program the automatic erasing of numbers, which is effective when the phone is switched ON/OFF.

- Display **ACTIVE** by pressing the scrolling arrows, then validate.

## 7.4 Caller identity

### CALLS/SEND No (\*)

This menu allows you to know the status for the number presentation function:

- your identity (phone number)
- caller identity.
- Validate by pressing **Ok**.

### Attention

This list is automatically erased if the SIM card is changed.

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### CALLS/SEND No/YOUR ID.

#### Your number

- On outgoing call, you can check if your phone number is displayed on the phone of the person you are calling (CLIR deactivated).
- On incoming call, you can check if, when you forward the calls you receive to another number, you prevent this number to be displayed on the caller's phone (COLR).

### CALLS/SEND No/CORRESP.ID

#### Your correspondent's number

- On outgoing call, you can to be aware of the phone number your call is forwarded to (COLP). This function is possible only if the called party allows its identity to be displayed, by deactivating its COLR option.
- On incoming call, when activated, this function allows you to have your caller's ID displayed on your phone (CLIP). This function is possible only if the caller authorized it by deactivating its CLIR option.

## CALLS/SEND No/**ANONYMOUS**

Your phone number is not shown to the person you are calling. When you switch your phone off, it is automatically deactivated.

When you switch your phone off, this menu is automatically deactivated.

## 7.5 Auto redial

### CALLS/AUTO RDIAL

You can activate auto redial systematically or on demand if your call did not complete. Any action on the keyboard will cancel it.

## 7.6 Call waiting

*(Service depending on the operator)*


### CALLS/DBLE CALL

During a conversation, you may be warned that someone is trying to reach you. You will hear a special tone.

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

The message CALL WAIT followed by the call sequence number (and possibly the caller's phone number if stored) are displayed on screen.

Depending on your network, you can then:

- **Cancel** the waiting call by pressing **C**. The caller then hears a busy tone.
- **Switch** call by pressing **Ok**. The current call is put on hold and you can answer the new call.
- **Unite** this call in conference by pressing **\***. All the parties can communicate (MULTI-CONFERENCE) according to the capacity of the network.
- **Terminate** the current call by pressing . Your phone rings normally to indicate the waiting call.

## 7.7 Call hold

*(Service depending on the operator)*

During a conversation, you can put the current call ON HOLD by pressing **Ok**.

The screen displays the message **ON HOLD** followed by the hold sequence number (and possibly the phone number if stored).

You can then:

- **Initiate** a new call

then:

- **Switch** between the calls by pressing **Ok**.
- **Cancel** the call on hold by pressing **C**.
- **Merge** several calls by pressing **\***. All the parties can communicate (MULTI-CONFERENCE).


## 7.8 Multi-conference

*(Service depending on the operator and depending on model)*

This service allows you to be in relation with several persons, according to the capabilities of the network.

If you have established a MULTI-CONFERENCE, the screen displays **MULTIPARTY** followed by the sequence number assigned to each caller. You can:

### Attention




In this case, pressing  ends all calls.





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- **Cancel** a call on hold or waiting by pressing **C**.
- **Switch** between the multi-conference call and a call on hold or waiting by pressing **Ok** or make a further call.
- **Make** all the parties **communicate** by pressing **\*** (A multi-conference is limited to 6 persons: 5 in multi-conference and one separate call).


## Standard commands

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

- 0  Reject a call holding or waiting (or multi-conference calls).
- 1  End the current call holding or waiting (or the multi-conference calls if there are any) and accept the call (or multi-conference calls).
- 1 X  End the current call order number X.

- 2  Place on hold the current call (or multi-conference calls) and accept the call holding or waiting (or multi-conference calls).
- 2 X  Place on hold the multi-conference calls except for the current call order number X (private call).
- 3  Add a call holding (or multi-conference calls) to the current call (or to the multi-conference).
- Tel N°  Place on hold the current call (or the multi-conference calls) and call another telephone number.

**Note:** *However, it is preferable to place the call on hold then dial, then call; this guarantees comfort and confidentiality (does not allow the call holding to hear the dialling tones whatever the configuration of the phone).*

-  End all calls except for a possible call waiting.

## 7. Call related features

### 7.9 Checking call duration

#### CALLS/DURATION/COUNTERS

This menu allows you to check the duration of the last call. To check the cumulated duration of all calls since the last counter reset, press the scrolling arrows.

#### CALLS/DURATION/CLEAR

This menu allows you to clear the duration of the last call and to reset the call counter.

### 7.10 Charge-checking (\*)

#### CALLS/COST/COUNTERS

If the network allows, you can check the charge for the last call. To check the cumulated charge for all calls since the last counter reset:

- Press the scrolling arrows.

#### CALLS/COST/CLEAR

This menu allows you to clear the cost of the last call and to reset the call counter after entering your PIN2 code.

#### Attention

This data is purely indicative and cannot constitute a basis of proof: the network metering criteria may be quite different (indivisible minutes etc.).

## 7.11 Message centre

### CALLS/MSG CENTER

- To program a special call number, type in this number and validate.

This number is used when calling the message centre with the programmable keys.

#### Attention

For network specific services, such as message centre, speed dialing 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.

## 8. How to adjust the ringing tones and the vibrator

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### 8. Ringing tones and vibrator

#### 8.1 Selecting silent mode

##### RNG & BEEP/SILENCE?

If you wish, you can replace your phone's ring-tone feature by a vibrating device or the silent mode. In this case, all tones are deactivated, except for wake-up calls.

- Select **ACTIVE** by pressing the arrow keys, then validate.

This mode is indicated by the ( . . ) symbol on the display.

The SILENT mode is automatically deactivated during connection/ disconnection of the hands-free kit, and when turning the phone on or off.

#### 8.2 Setting the vibrator

##### RNG & BEEP/VIBRATOR

- Select one of the following options by scrolling with the arrow keys: vibrating device only, vibrating device and ringing, vibrating device then ringing.
- Validate.

Wherever you require your calls to arrive discreetly, you can use the vibrator.

## 8.3 Selecting the volume and the type of ringing tone

A wide variety of melodies are available (including a "silent ring") as well as a number of settings, including a crescendo.

You can command your phone to ring when receiving calls and/or short messages.

### RNG & BEEP/HANDSET/ OUT.CALLS

Select melody for calls to handset.

### RNG & BEEP/HANDSET/MESSAGES

Select melody for messages to handset.

### RNG & BEEP/FREE HAND/OUT.CALLS

Select melody for calls in hands-free mode.

### RNG & BEEP/FREE HAND/MESSAGES

Select melody for messages in hands-free mode.

- For each of the above selections, the middle option - AUDIBLE or MUTE - allows you to listen to or bypass the tone test during the setting phase.
- Select the desired tone by pressing the scrolling arrows, then validate.
- Select the desired volume by pressing the scrolling arrows, then validate (from 1 to 4 and + for crescendo setting).

## 8.4 Setting the alarm


### RNG & BEEP/ALARM

To use your phone for wake-up calls:

- With the scrolling arrows, set the waking time (hours), validate by pressing **Ok** then set the minutes and validate.
- Display **ACTIVE** by pressing the scrolling arrows.
- Validate.

Ringing stops by pressing any key; the wake-up time remains programmed.

The wake-up function remains active even with the phone OFF. Neither is it affected by the SILENT ringing mode.

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.



## 8.5 Setting the timer

### RNG & BEEP/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.

## 8.6 Setting the beeps

### Setting the keypad tones

#### RNG & BEEP/BEEPS/KEY. TONE

- Choose the required tone by pressing the scrolling arrows, then validate.

### Setting the network tone

#### RNG & BEEP/BEEPS/NETW. BEEP

This menu allows your phone to emit a warning beep when it finds a network on which it may operate:

- Display **ACTIVE** with the scrolling arrows, then validate.

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

#### RNG & BEEP/BEEPS/BATT. BEEP

This menu allows your phone to emit a warning beep when the battery is low:

- Display **ACTIVE** with the scrolling arrows, then validate.

## 8.7 Deleting DTMF tones

### RNG & BEEP/SEND DTMF

This menu allows you to disable the transmission of DTMF tones during a conversation. You can therefore enter a number to be memorized in the phone book conveniently and discreetly.

- Select **ACTIVE** or **INACTIVE** by pressing the scrolling arrows, then validate.

## 9.1 Programming the «One Touch» keys

### SETTINGS/PROG. KEY

This menu, accessible directly by a short press on a “One Touch” key from the standby screen, enables you to configure the “One Touch” keys. There are different possibilities for each of the keys:

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

## 9. How to adjust your phone

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### MEMORY

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

### REDIAL

- Validate REDIAL  
*When you press the key, you will be able to look through the last-numbers list.*

**MEM000** to ... (depends on the SIM card used)

- Select a number from the phone book and validate.

*When you press the key, you will automatically call up the chosen number.*

## READ MSG

- Validate READ MSG

*When you press the key you will be able to read any short messages memorized in the SIM card or in the phone itself.*

## CALL MSG.CTR.

- Validate CALL MSG. CTR

*When you press the key, you will automatically call up the message-centre number, which is programmed into the CALLS/MSG CENTER menu.*

## SILENT MODE

- Validate SILENT MODE

*The ringing tone of your phone will be automatically replaced by the vibrator or by the silent ringing tone 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.

## 9.2 Personalising the welcome screen

### SETTINGS/GREETING

- You can personalise the welcome screen of your phone by typing a text.
- Validate.

## 9.3 Selecting the display language

### SETTINGS/LANGUAGE


This menu allows to choose your phone display language:

- Select **AUTOMATIC**, the display language will be that of your SIM card (if available).
- Otherwise select a language of your choice by pressing the scrolling arrows, and validate.

## 9.4 Select the type of automatic response

### SETTINGS/ANSWER

To answer a phone call, you can either:

- automatically be connected, if you selected **Y** (yes) to the question: **auto** (for hands-free kit) ; validate.
- or press any numerical key if you replied: **key: ALL** ; validate.
- or press  if you replied: **key: SEND** ; validate.

## 9.5 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 networks are authorized, the phone switches itself to emergency calls only until here is sufficient signal. In this case, the only authorized number is the number for calling the international emergency service.

### 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.

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

In specific cases, manual forcing is possible.

Using the scrolling arrows, you can select:

### Available networks

#### SETTINGS/NETWORK/SELECT NET

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.

### Preferred networks

#### SETTINGS/NETWORK/NETW.LIST

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

- 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).

## 9.6 Setting the time and date

### SETTINGS/DATE/TIME/SET

To set the date and time on your phone:

- The time flashes, adjust the time as required by pressing the scrolling arrows or by typing the desired digits. Validate.
- The minutes flash and can be adjusted by pressing the scrolling arrows or by typing the desired digits. Validate.
- Adjust the day, the month, the year. Validate after each proposal.

### SETTINGS/DATE/TIME/DISPLAY

To display the date and time on the screen on a permanent way:

- Choose **ACTIVE** by pressing the scrolling arrows. Validate.

## 9.7 Adjusting the contrast

### SETTINGS/MISC/CONTRAST

This menu allows to adjust the contrast of the screen of your phone.


- Adjust the contrast with the scrolling arrows, then validate.

## 9.8 Install energy saving mode

### SETTINGS/MISC/SAVING MODE

You can switch your phone into a special standby mode, increasing its standby-time.

Using the scrolling arrows, you can change the level of light and the standby screen.

- If you want to increase standby-time, select **N** with the scrolling arrows. Validate.
- To reactivate the screen, press .

## 9.9 Standard configuration

### SETTINGS/MISC/INITIAL

This menu allows you to return your phone to a standard configuration.

## 10. How to use the security features of your phone

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### 10.1 Locking the keyboard

#### SECURITY/LOCK K.PAD

This menu allows you to lock your keypad to prevent accidental dialing in your briefcase or pocket.

- Choose **ACTIVE**, the keypad is automatically locked after a certain period of non-use.
- To unlock your keypad:  
Press \* then **Ok**.

### 10.2 Changing the PIN number

#### SECURITY/PIN CODE

You can change your PIN code:

- In reply to the question: **OLD PIN ?**, type in your old PIN code and validate.

#### Locked keyboard

You can still make emergency calls and answer calls.

#### Attention

If the wrong PIN code is entered three times in a row, the card will be blocked. To unlock your card, call the organisation from which you obtained this card, they will guide you on the procedure to use. If your SIM card is permanently locked, contact your operator or your Service Provider to obtain a new card.

- In reply to the question: **NEW PIN ?**, type in your new PIN code (4 to 8 digit number) and validate.
- In reply to the question: **CHECK PIN ?**, type in your new PIN code a second time for verification and validate.

### 10.3 Activating the PIN code

#### SECURITY/PIN CHECK.

This menu allows you to have the PIN code requested and checked at each startup so that if lost or stolen, your SIM card will be unusable:

- In reply to the question: **PIN ?**, type in your PIN code and validate.
- Display **ACTIVE** by pressing the scrolling arrows, then validate.

### 10.4 Activating the phone code

#### SECURITY/PHONE CHCK

The SECURITY/PHONE CHCK menu allows you to have the PHONE code requested and checked at each startup, in case someone tries to use a different SIM card.

#### To activate:

- In reply to the question: **CODE ?**, type in 0000 and validate.
- Display **ACTIVE** by pressing the scrolling arrows, then validate.

#### To deactivate:

- In reply to the question: **CODE ?**, type in your code (may have been changed) and validate.
- Display **INACTIVE** with the scrolling arrows, then validate. The code is reset to 0000.

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.

### 10.5 Changing the phone code

#### SECURITY/PHONE CODE

When active, you can modify the PHONE code:

- In reply to the question: **OLD CODE ?**, type in your old PHONE code and validate.
- In reply to the question: **NEW CODE ?**, type in your new PHONE code (a 4 to 8 digit number) and validate.
- In reply to the question: **CHECK CODE ?**, type in your new PHONE code a second time for verification and validate.

## 10.6 Changing the PIN2 code

### SECURITY/**PIN2 CODE** (\*)

You have a second PIN code. The change procedure for this PIN2 code is identical to the procedure given for the PIN code, menu SECURITY/PIN CODE.

## 10.7 Creating a fixed numbering phone book

### SECURITY/**FIXED REP.** (\*)

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.

The menu **MEM LOCK** allows you to **ACTIVATE** the fixed phone book in SIM card, after entering your PIN2 code. When **ACTIVE**, only the numbers already entered can be called.

The menu **NUM. LIST** allows you to navigate in the phone book by scrolling or by entering the required memory number in order to create and change the calling numbers.

This phone book will automatically be related to the SIM card, which means that its format will depend on the SIM card's format.

## 10.8 Charge-checking

### SECURITY/**COST/SETTINGS**

After entering your PIN2 code, you can select the type of charge indication:

- **CURRENCY**: enter the currency name (maximum 3 characters) and charge per unit. Ask your Operator for this value.
- **PHONE UNIT**

### SECURITY/**COST/LIMITATION**

This menu is used to activate the credit function in the selected currency, after entering your PIN2 code.

## 10.9 Call barring

If allowed by your subscription, you can prevent your phone from making certain outgoing calls or receiving certain incoming calls.

### Attention

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.



If you can access the service, you will be given a password with your subscription. You will need this password in order to activate the function, failing which you will only be able to find out whether or not call barring is active (Menu: SECURITY/LIMIT/STATUS).

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

## SECURITY/LIMIT

This menu allows you to activate, cancel and consult the status of the call barring service.

### SECURITY/LIMIT/ACTIVATE

Scroll the menu to activate the type of call barring required:

- Bar outgoing calls, that is calls made from your phone. You can choose ALL outgoing calls, outgoing INTERNATIONAL calls or outgoing international calls, EXCEPT those sent to your home country (NOT HPLMN).

- Bar incoming calls, that is received calls. Barring can concern ALL incoming calls or incoming calls when you are outside your home country (IF ROAMING).

In any case, you must enter your password. A screen message confirms activation of call barring.

### SECURITY/LIMIT/DEACTIVATE

Scroll the menu to cancel the type of call barring required.

You can also deactivate ALL call barring types.

A screen message confirms deactivation of call barring.

### SECURITY/LIMIT/STATUS

By scrolling through this menu, you can consult the status of a type of call barring, to check whether it is active or not.

### SECURITY/LIMIT/PASSWORD

This menu allows you to change the password needed to activate the call barring function. The menu acts as a guide. A screen message confirms that the new password is active.

## 11.1 Calculator

*(Function available depending on model)*

### ACCESSORY/**CALCULATOR**

You can operate the calculator using the following keys:

...	<b>Add</b>
.	<b>Subtract</b>
*	<b>Multiply</b>
#	<b>Divide</b>
Ok	<b>Equals</b>
C	<b>Delete</b>
Long press on	
*	<b>Decimal point</b>
#	
.	
...	

## 11. Other functions

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## 11.2 Converter

### ACCESSORY/EXCHANGE

This menu allows you to convert between different currencies.

### ACCESSORY/EXCHANGE/ SETTINGS/MODE

- Select **ACTIVE**, the converter will operate from the standby screen entering the figures selected and pressing the scrolling arrows to convert.

### INACTIVE mode

From the standby screen entering figures and pressing the scrolling arrows, you will display the menus.

### ACCESSORY/EXCHANGE/ SETTINGS/CURR. SYMB

- Enter the codes for the two currencies to convert. Press **C** 3 times to return to the beginning of the line to type (if the lines are not blank).

### ACCESSORY/EXCHANGE/ SETTINGS/RATE

- Enter the exchange rate for the two currencies selected.

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### ACCESSORY/EXCHANGE/CONVERT

- Enter the value to convert, then press one of the scrolling arrows to run the conversion in whichever direction you require.
- If you make a mistake, pressing **C** displays the original value entered, and you can then immediately reverse the calculation.

A range of accessories are available for your phone:

- Supplementary batteries.
- Supplementary chargers.
- Desk charger.
- Cigarette lighter adapters.
- Hands free kits for pedestrians.

## **12. Available accessories**

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## 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 try this several times.

## Maintenance menu

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

### Attention

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

# 13. Upkeep

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## 14. Recommendations

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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 lead to the guarantee for your phone being rendered invalid.

The main plug socket must be easily accessible.

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

CE marking on the unit conforms to directives 91/263/CEE - 89/336/CEE - 73/23/CEE, 93/68/CEE modified

## 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 petrol stations.

Regulations limit the use of radio equipment in chemical factories, petrol 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. In order not to diminish your attention, stop safely to make a call. Abide by the current laws.

If there is insufficient protection, some of the electronic equipment in the vehicle may be affected by the micro-waves given off by the phone. We would advise you to only use your phone in a vehicle fitted with an external aerial and if your phone may be connected to this antenna.

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

## Attention

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

## Non ionising radiation

- To obtain maximum satisfaction from your phone, use it in a vertical position. Your personal safety can only be improved.
- If your phone is installed in a car, ensure that there is a non radiating cable for connecting your radio equipment to the aerial.

## 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.

## 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 result in your guarantee being rendered invalid.

- 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.
- Only use your phone with original accessories. If you do not your guarantee will be rendered invalid.
- The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in the extreme temperatures.
- Removing the battery for a long period will mean that the time is lost.
- 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 place diskettes, credit cards etc. close to your phone.

### Attention

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



## 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 RNG & BEEP / SEND DTMF menu that the box is ticked.

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DATA SUBJECT TO CHANGE WITHOUT NOTICE

**SAGEM SA**

**MOBILE PHONES DIVISION**

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