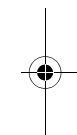




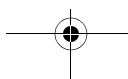
MYX2-2

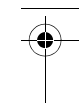
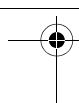
MYX2-2M



ENGLISH

 **SAGEM**





You have just purchased a SAGEM mobile phone, and we congratulate you on your choice.

Your phone can be used internationally in the various dual band networks (GSM 850 MHz and PCS 1900 MHz) depending on the roaming arrangements with your operator.

This user guide presents the SAGEM myX2-2 and myX2-2m mobile phones range.

Depending on the models, the following options are present or not in your phone: MMS, GPRS, data/fax/modem. You can check with your operator or dealer the options supported by your phone.

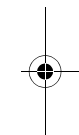
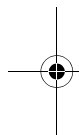
We remind you that this phone is approved to meet European standards.

We recommend that you read this handbook carefully before using your phone efficiently and in the best conditions.

WARNING

Depending on the configuration of the networks and the associated subscriber cards, some functions may not be available.

Ensure that your SIM card is a 3 V (Volt) SIM type that is compatible with your phone. Inserting an incompatible card will be indicated by a message when your phone is switched on. Contact your operator.



SAGEM is a trademark of SAGEM SA.

AT is a registered trademark of Hayes Microcomputer Products Inc.

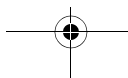
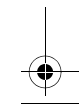
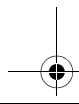
Hayes is a registered trademark of Hayes Microcomputer Products Inc.

T9™ Text Input is a registered trademark of ©Tegic Communications Inc.

T9 is protected by one or more of the following US patents: 5,818,437, 5,953,541, 5,187,480, 5,945,928, 6,011,554 and other patents are being applied for worldwide.

The WAP navigator and the softwares included are the exclusive property of Openwave. For this reason, it is forbidden to modify, translate, disassemble or even decompile all or part of these softwares.

Wellphone™ and SmartCom™ are registered trademarks owned by SmartCom SARL France.



CE Conformance Document

Conformance Document

Manufacturer SAGEM SA
Address Le Ponant de Paris
27 rue Leblanc F-75512 Paris cedex 15 FRANCE

Declares under our sole responsibility that our product:

Product Name GSM/PCS A2005ac et A2005ac+ (myX2-2/myX2-2m)

Conforms to the requirements of the following EEC directives:

EEC Directive 1999/5/CE

Safety EN 60950

EMC EN 301 489-7

Low voltage directive 73/23/CEE

Network 3GPP TS 51.010-1 v 6.0.1 selected with GCF-CC v 3.17.0 included
Exigences GT01 V 4.7.0
TBR 19 Edition 5
TBR 20 Edition 3
TBR 31 Edition 2
TBR 32 Edition 2
EN 301 419-1
EN 301511

Health EN 50360, EN 50361

FCC Conformance Document

FCC Part 24
Network NAPRD03.ver 2.8.0
Health Draft IEEE Std 1528-200x

Place and date of issue

Cergy St-Christophe - Paris 23rd, 2005

Signature

Safety Information for Wireless handled phones

Use of your phone is subject to safety rules designed to protect the user and his or her environment.

Exposure to Radio Frequency Signals

- Your wireless handheld portable phone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out frequency (RF) signals.
- In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:
 - ANSI C95.1 (1992) (*)
 - NCPR Report 86 (1986) (*)
 - ICNIRP (1996) (*).
- Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).
- The design of your phone complies with the FCC guidelines (and those standards).
- For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Phone Operation

- Normal position: hold the phone as you would any other phone with the upper zone (back of the LCD display) pointed up and over your shoulder.
- Tips on efficient operation: for your phone to operate most efficiently: do not touch cover unnecessarily the top part of the phone with your hand. This would cover the integrated antenna and affect call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

- Check the laws and regulations on the use of wireless phones in the areas where you drive. Always obey them. Also, if using your phone while driving please:
 - Give full attention of driving, driving safely is your first responsibility
 - Use hands-free operation, if available
 - Pull off the road and park before making or answering a call if driving conditions so require.

(*) *American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission and Non-Ionizing Radiation Protection.*

Electronic Devices

- Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.
- Some phone accessories allow to reduce the radiation interferences of the phone. Please contact your distributor.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON
- Should not carry the phone in the breast pocket
- Should use the ear opposite to the pacemaker to minimize the potential for interference
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so.

Hospitals or health care facilities may be using equipment that could be sensitive to sensitive external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid any interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Potentially Explosive Atmospheres

- Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.
- Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats, fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles equipped with Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Electrical Safety

- Only use the appropriate chargers recommended in the manufacturer's catalog. Using another charger may prove dangerous and could invalidate the warranty of your phone.
- The main power socket should be easily accessible.
- Make sure that the main voltage corresponds to the level marked on the charger identification plate.

General Precautions

- Do not try to open your phone and repair it yourself. The manufacturer cannot be held liable for any resulting damage.
- Any work done by an unqualified and unauthorized person will invalidate your warranty.
- Do not use your phone in humid places (bathroom, swimming pool, etc.). Protect it from splashing water and other liquids.
- Do not expose your phone to extreme temperatures.
- Keep your phone out of reach of small children. Do not allow them to play with it, it is not a toy.
- Only use your phone with original accessories. Failure to comply with these rules will invalidate your warranty.
- Remember to disconnect the charger before removing the battery.
- The physical and chemical processes used in rechargeable batteries mean that temperature limits must be followed during rapid charging. Your phone automatically protects the batteries from extreme temperatures.
- If the phone is disconnected from the battery for an extended period of time, it will lose the time and the recorded voice messages.

WARNING

- The manufacturer cannot be held liable for any failure to comply with the above recommendations or for any misuse.
- The software program developed by SAGEM SA remains the exclusive property of SAGEM SA. It is therefore highly prohibited to modify, translate, decompile or disassemble this software program or any part thereof.
- SAGEM SA may not be held responsible for the contents of messages, software or objects downloaded and/or for any direct or indirect consequential damage to the phone itself.

Emergency Calls

IMPORTANT

- This phone, like any PCS phone, operates using radio signals, PCS and landline networks, and user-programmed functions. As a consequence a connection in all conditions cannot be guaranteed. Therefore you should never rely solely upon any PCS phone for essential communications (e.g. medical emergencies).
- To make or receive any calls, this phone must be switched on and in service area with adequate PCS signal strength. Emergency calls may not be possible on all PCS networks or when certain network services and/or phone features are in use. Check with local Service Providers.
- When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your PCS phone may be the only means of communication at the scene of an accident - do not terminate the call until given permission to do so.
- If certain features are in use (such as Keyguard), you may first need to turn those features off before you can make an emergency call. Consult this manual and your local PCS Service Provider.

Emergency Calling

- If the phone is not on, press .
- Key in emergency number for your present location (e.g. 911 or other official emergency number).
- Press .
- If you dial 911  during a call, the phone terminates the current call and attempts to make a call to the emergency number 911.

FCC/INDUSTRY CANADA NOTICE

Your phone may cause TV or radio interference (e.g. when using phone in close proximity of receiving equipment). The FCC/INDUSTRY Canada can require you to stop using your phone if such interference cannot be eliminated. If you need assistance, contact your local dealer.

This device complies with parts 15 and 68 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interferences.

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Menus

 **Phonebook**
Phonebook menu

 **Messages**
Compose
Inbox
Outbox
Drafts
Options
Memory
Local info.

 **WAP**

 **Games**

 **Sounds**
Ring tones
Vibrate
Silent mode
Beeps

 **Background**
Colours

Menus

 Wallpapers
 Screensavers
 Greeting msg

 **Settings**
Date/Time
My objects
Languages
Networks
Contrast
Energy saving
Short cuts

 **Calls**
Calls forwarded
View last calls
Counters
Display numbers
Call waiting
Auto redial
Blacklist
Answ. phone nb.

 **Security**
Keypad locking
PIN number
PIN number 2
Phone code
Confidentiality
Operator
Call barring
Fixed dialling
Cost (depending on model)

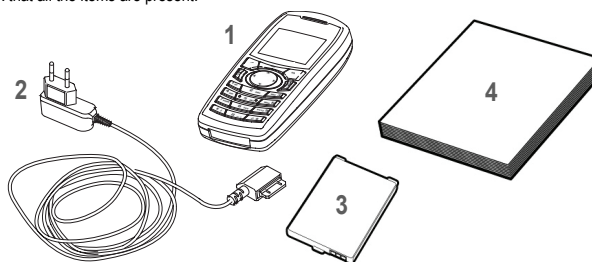
 **Accessories**
Calendar
Calculator
Converter
Alarm
Timer
Car kit
Data (depending on model)

 **Services**

Your phone package - Accessories

When you open the box, check that all the items are present:

- 1 - Phone
- 2 - Mains charger
- 3 - Battery
- 4 - User manual



Accessories

We advise you the use of SAGEM brand accessories for an optimal operating of your phone and of your accessories. You can also find (as an option) or order the following accessories:

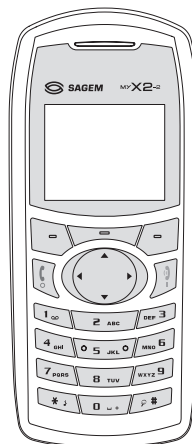
- Pedestrian kit (*)
- Extra battery
- Extra charger (*)
- Desktop support (*)
- USB cable (with associated drivers) and serial cable to connect your phone to a PC (*)
- CD driver to synchronise your phone with your PC
- Cigar lighter adapter (*)
- Interchangeable covers
- Hands-free kit (*)
- Strap

For more information: www.planetsagem.com

(*) *These accessories are identical to the ones provided for the myX-x series.*

Description

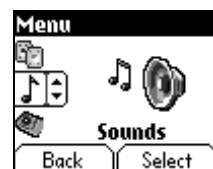
Programmable keys and Shortcut keys



-  **Stop key:**
Hold down: Switches the phone off.
Press briefly:
In a call context: Rejects a call - hangs up
In menus: Return to home page.
-  **Start key:** Press briefly: Starts phone
In call context: Call - reception of a call - hands-free mode
-  **Left programmable key:**
In home page: Access to certain functions (shortcuts)
In menus: Access to the selection shown on screen in the tab (*)
During a call: Reduces the volume
-  **Right programmable key:**
In home page: Access to certain functions (shortcuts)
In menus: Access to the selection shown on screen in the tab (*)
During a call: Increases the volume
-  **Up key:** Previous choice / increase value / top
-  **Down key:** Down choice / reduce value / down
-  **Left key:** Up input field / move left
-  **Right key:** Down input field / move right
-  *** Key :**
Hold down: *In home page:* Silent mode
Press briefly + OK (right programmable key) activates or deactivates keypad locking
In call reception mode: Short press stops ring tone
In ring tone setting mode: Activates/deactivates ring tone
-  **# Key:** Zoom mode (see **Messages** and **WAP** menus)

(*) In this manual, when a function is chosen by pressing on this key, square brackets are used (e.g.: [Save]).

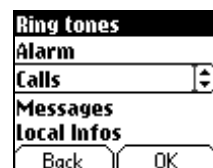
Principles of navigation



1st level



2nd level



3rd level

These basic principles bring a great deal of intuitiveness to your phone

All the active areas on a white background (icon selector, programmable keys, menu selector, choice list)

Accept by pressing the **right programmable key** .

Cancel by pressing the **left programmable key** .

The tabs on the sides at the bottom of the screen refer to the **Programmable keys** (and not to the left/right keys).

In the menus a title bar indicates the down higher level.

The **up** and **down**   arrows are used to navigate from a menu to the other (or from one a sub-menu to the other).

The **right programmable key**  is used to go from a menu to a sub-menu.

The **left programmable key**  is used to go from a sub-menu to a menu.

The first menu level can be identified by a large animated icon in the centre of the screen.

The second menu level can be identified by a large static icon in the centre of the screen.

The lowest sub-menus are lists.

The **Stop**  key (press briefly) is used to return to the home page (current function is abandoned).

Home page



The home page contains the following

1 - The title bar icons:

- Battery
- Calls forwarded
- Call (establishing the call)
- Call (hands free)
- SMS (reception of an SMS)
- Silent mode
- Message in answer phonebox
- WAP (@)
- GPRS (depending on model)
- Home zone
- HPLMN / roaming
- Keypad locking + WTLS (exclusive functions)
- Protected WAP logon
- Protected WAP logon icon with certificate
- Signal strength level (5 bars).

2 - Date and time, in digital or analogue mode

3 - Network provider

4 - Tab centred on down line:

the main "menu" tab shows that the menu can be accessed via the **down / up** keys.

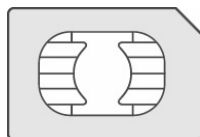
*The following information may also be displayed: "1 message received"; or "1 call". They can be deleted by pressing the **Stop** key briefly.*

Home page

15

Activating your phone

Information on the SIM card



To use your phone, you have a smart card called a SIM card. It contains all the information needed by the network as well as other information unique to you and that you can modify:

Secret codes (PIN(s): Personal Identification Numbers), these codes allow you to restrict access to your SIM card.

Phonebook,
Messages,

How special services work.

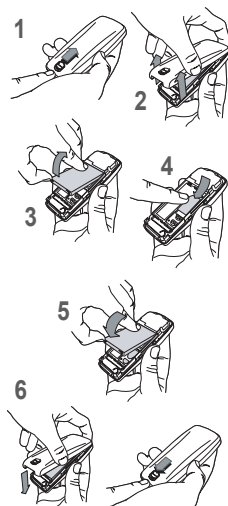
Your phone is compatible with the different SIM cards offered by operators.

It is also compatible with the SIM/WIM cards (cards containing the WIM module in addition (WIM = Wireless Identity Module) that is used for secure WAP communications.

WARNING

This card must be handled and stored with care to avoid damaging it by scraping or bending it. If you should lose your SIM card, contact your operator or your SMC (Services Marketing Company) immediately.
Comment: do not leave your SIM card within the reach of young children.

Installing the SIM card and installing the battery



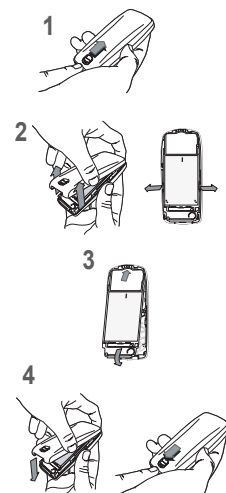
Switch off your phone and disconnect the charger.
The SIM card is inserted beneath the phone's battery.

- 1 Turn your phone over and slide the backcatch up.
- 2 Take off the back cover, starting from the bottom.
- 3 Take out the battery.
- 4 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.
- 5 Place the battery by first inserting the upper section into the opening.
- 6 Replace the back cover, clicking in first the upper part then the lower and pushing the backcatch downwards into the locked position.

Activating your phone

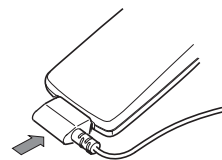
Exchanging the front cover

Switch off the phone.



- 1 Turn it over and slide the back catch upwards.
- 2 Take off the back cover starting at the bottom. By moving the retention lugs, take out the central section then the keypad.
- 3 Position the keypad in the new front cover making sure that no dust gets in, then follow with the central section.
- 4 Replace the back cover, clicking in first the upper part then the lower and pushing the back catch downwards into the locked position.

Charging the battery



Your phone is powered by a rechargeable battery. A new battery must be charged for at least 4 hours before being used for the first time. It reaches its optimum capacity after a few cycles of use.

When your battery has been discharged, the phone displays the state (empty battery icon flashes). In this case recharge your battery for at least 15 minutes before making any more calls so as to avoid being cut off mid-call.

To recharge the battery

Connect the charger to a mains socket.

Plug the end of the cable into the connector at the base of the phone.

The phone starts to charge up. Charging stops by itself. Disconnect the cable.

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

WARNING

There is danger of explosion if the battery is replaced incorrectly or if it is exposed to fire.

Do not short circuit it.

The battery does not have any part that you can change.

Do not try to open the battery casing.

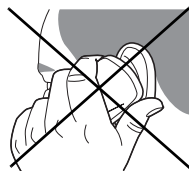
Use only the appropriate chargers and batteries shown in the manufacturer's catalogue.

Used batteries must be disposed of in the appropriate places.

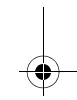
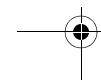
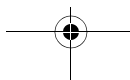
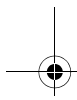
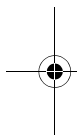
It is advisable to remove the battery if your phone is not used for extended periods.



Do NOT obstruct the antenna with your fingers



The antenna is integrated in your phone, under the back cover at the top.
Avoid putting your fingers on this area when the phone is switched ON.
If your fingers obstruct the antenna, the phone may have to operate with a higher power level than usual, decreasing its efficiency quickly. It could also affect the quality of your communications.



My phone in 5 minutes

Getting started

You are now ready to use your phone for the first time.

Switch on the phone by pressing the **Start**  key. A short display appears.

PIN Number

This is your SIM's secret code.

If access to the SIM card is protected, the phone prompts you to enter the PIN number:

Enter the code between 4 and 8 digits given to you when the SIM card was issued. These digits do not appear on the screen for security reasons.

Press the **right programmable key**  to accept.

If your phone indicates that the SIM is missing, press the **Stop**  key to switch off your phone and check that the SIM card is correctly installed.

WARNING

If a wrong PIN number is entered three times in succession, your SIM card is blocked. You must then:

- Enter *****05****
- Enter the PUK (Personal Unblocking Key) code provided by your operator, and accept.
- Enter your PIN number and accept.
- Enter your PIN number again and accept.

After 5 or 10 failed attempts (depending on the type of SIM card), the SIM card is definitely locked. You must then contact your operator or your SMC to obtain a new card.

Setting time and date

When you use your phone for the first time, you need to set the date and time.

In due course, when the battery is completely discharged, or if it has been removed, you will be prompted systematically to confirm date and time.

Setting the date

Set the date by entering it directly in numerical form or by using the **down / up** ▼ ▲ keys to decrease or increase the default values.

Use the **right key** ► (or left key ◀) to access the **next** (or last) data input field.

Once the date is correct, press the **right programmable key** ⏻ to **accept**.

Setting the time

Same procedure as for setting the date.

Network

From now on the phone hunts for a network on which it can make calls. If it finds one, it displays the name of the network on the screen. You are then ready to send or receive a call.

If the network icon appears, calls are possible on your operator's network.

If the letter **R** and a network name are displayed, calls are possible on the network of a different operator.

If the letter **R** is displayed without any network name, only the emergency services are accessible (ambulance, police, fire brigade).

If the network icon flashes, the phone is in permanent search mode. There is no network available. The signal strength indicator received allows you to display the quality of reception. If it indicates less than three bars, search for better reception in order to call in good conditions.

First call

Dial the number of your correspondent.

Press the **Start** ⏻ key.

During the call, the call in progress icon flashes on screen and tones may indicate the establishment of the call.

Once communication has been established, the call icon stops flashing.

You can adjust the sound level (volume) using the **left** and **right programmable** ⏻ ⏪ keys.

At the end of the conversation press the **Stop** ⏻ key to hang up.

International call

Press 0 (hold down) to display "+", then dial the country code without waiting for the dial tone, then the number of the called party.

Emergency services

Depending on the operators you can obtain the emergency service with or without SIM card or when the keypad is locked. It is enough to be in an area served by a network.

To obtain the international emergency service, dial **112** then press the **Start** key.

Receiving a call

When you receive a call, the number of your correspondent is displayed when it is presented by the network.

Press the **Start** key or the **right programmable key** to answer, and speak.

To refuse the call, press the **Stop** key or the **left programmable key**.

To stop the ring tone or the vibrate, without refusing the call, press the *** 3** key.

WARNING:

Pressing the Start key a second time launches hands-free mode, in this mode do not bring the phone up to your ear.

All the numbers corresponding to incoming and outgoing calls are logged in the list of recent calls.

Switching off

Press the **Stop** key for one second.

The end message is displayed. The phone switches off.

My phone in 5 minutes

23



We want to familiarise you with the interface of your new phone, using a simple setting: choosing a ring tone and adjusting the volume.

Volume and ring tone

This menu allows you to allocate a ring tone to each type of event.

In the **home page**, press the **down ▼** key to access the main menus.

The first menu offered is **Phonebook**.

Press the **down ▼** key four times to access the **Sounds** menu.

Enter this menu by pressing the **right programmable key** .

You can access the **second level** of the menu that contains four sub-menus: Ring tones, Vibrate, Silent mode, beeps.

The first sub-menu offered is **Ring tones**.

Enter by pressing the **right programmable key** .

With the help of the **down / up ▼ ▲** keys select the type of function where you want to change the ring tone from the proposed list (Alarm, Calls, Messages and Local Infos) and accept.

Enter by pressing the **right programmable key** .

Using the **down / up ▼ ▲** keys select the ring tone from the list offered.

Enter by pressing the **right programmable key** .

For every new selection, you will hear the corresponding ring.

*If required, press the **Silent mode key**  to cancel the sound.*

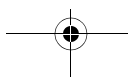
Adjust the volume using the **down / up ▼ ▲** keys.

The volume is adjusted over a scale of 1 to 4.

The ring tone is played at the chosen level whenever a change is made.

You can select **"+" volume** to choose a ring that starts quietly and rises to a crescendo.

Accept by pressing the **right programmable key** .



Phonebook



The phonebook allows you to store numbers that you call regularly. These numbers can be stored in the SIM card or in the phone.

The list of numbers in the phonebook of the SIM card varies in relation to the capacity of the card: the supplier company will tell you what this is.

Different icons inform you of the position of the phonebook where the number is stored:

-  Your SIM card phonebook
-  Your phone phonebook
-  Your SIM card's fixed directory.

Using the phonebook

In the home page press the **down ▼** key to access the main menus. The first menu offered is **Phonebook**.

Press the **right programmable key**  corresponding to the accept tab to enter the menu.

The list of your correspondents appears, by default, the cursor is positioned on the first name in alphabetical order.

If you are using your phone and SIM card for the first time, the phonebook list will be empty, only the **Phonebook menu** function will be available.

Select a contact from the list using the **down / up ▼ ▲** keys. Then press the **right programmable key** .

You can also enter a letter to access directly the first contact starting with this letter. If you know the memory number of this contact on the SIM card (say 21 for example), you can enter 21# directly.

Choose from the options offered:

See contact

The first menu offered is **See contact. [OK]**.

The detail of the store appears (location, call group, name, number).

Modify contact

Modify contact. [OK]. Using the **down ▼** key.

Modify the fields wanted and **[OK]**.

Delete

Select **Delete**. [OK].

Confirm deletion of entry with [Yes].

Call

Select **Call**. Press the **right programmable key**  to make the call.

*You can also select the party to be called from the phonebook, and press the **Start**  key to make the call.*

Send message

Select **Send message**. [OK].

Select SMS or MMS (depending on model).

Text editor opens automatically.

Copy to SIM / Copy to phone

This allows you to copy your phonebook entries from one memory to the other. Only the name and the first phone number will be copied.

The phonebook menu allows you to create new contacts, to create call groups and to check the memory available to store new contacts.

Phonebook menu

In the **Phonebook** screen, press the **right programmable key**  to enter the menu.

Press the **up**  key to position the cursor on the **Phonebook menu** and [Options].

Choose from the options offered.

Add contact

Select **Add contact** and accept and press the **right programmable key**  to enter the menu.

Choose the place where you wish to enter the contact (SIM card or phone) using the **down / up**   keys, and [OK].

Enter name of your correspondent and [OK].

Enter phone number and [OK].

Choose a **call group** to which you want to allocate this contact and [OK]. (See page 27: Call groups)

Call groups (See page 27)

Memory

Select **memory** and [OK].

The screen displays the number of free locations on SIM card and in phone itself.

My numbers

You can create the entries corresponding to your own numbers in order to consult them when necessary.
Select **My numbers** and [OK].
Enter the different details and [OK].

Call groups

*You have the facility to group your contacts into call groups.
It is possible to allocate characteristics to each group (icon, ring tone, vibrate).
6 default call groups have already been created. You can create others.*

Creating new groups

Do same as above to obtain the **phonebook menu** and [Options].
Press **down ▼** key to position the cursor on **Call groups** and [Enter].
By default, the cursor is placed on **Call groups** menu, [OK].
Choose one of the options offered (Create group or memory available).

Creating a group

By default, the cursor is placed on **Create group**, [OK].
Enter group name and [OK].
Choose the **icon**, **ring tone** and **vibrate** mode that you want to allocate to this group (**accept** after each step).

Memory

Select **Memory** and [OK].
The screen displays the number of locations available for new groups.

Phonebook

27

Sending a vCard

It is possible to send a vCard from each contact stored in the phonebook.

The availability of this function depends on the model of your phone.

vCards can be sent to another phone using SMS.

From a contact in the phonebook, select the **Send contact by SMS** option menu item.

If the vCard is sent successfully, the SMS sending screen is displayed.

vCards can be sent to another phone using MMS (depending on model).

From a contact in the phonebook, select the **Send contact by MMS** option menu item.

If the vCard is sent successfully, the MMS sending screen is displayed.

vCards can be sent as an attachment to an MMS message. See **Compose MMS** on page 31.

Receiving a vCard

The availability of this function depends on the model of your phone.

When a vCard is received in an SMS message, the message "You have received 1 message" is displayed.

View the vCard by opening the SMS from the inbox. Add this contact to the phonebook by pressing Softkey 2. A message is displayed to confirm the action.

When a vCard is received in an MMS message (depending on model), the message "You have received 1 message" is displayed.

Open the MMS from the inbox. Go to **Options** by pressing Softkey 2, and select **Extract**; select the vCard among the list of objects attached to this MMS, and add this contact to the phonebook by pressing Softkey 2. A message is displayed to confirm the action.

Messages



The message menu brings together the following two types of messages: SMS and EMS (an EMS is an extended message, longer than an SMS with images and sounds added). It is possible to exchange different types of contents: text, call group icons, screen backgrounds, tunes, WAP bookmarks.

This menu has been compiled in collaboration with magic4™.

magic4™

Composing messages

This menu allows you to compose your messages.

From the **Messages** menu select the **Compose** menu and **[Select]**.

By default, the language used is the language activated in the phone's menu display (or English if a language not supported by Easy Message T9™ has been chosen for the menus).

When typing a text, a counter showing the number of characters deducted is displayed at the top of the screen (depending on model). This counter is not displayed if an icon or sound is inserted into the SMS.

When the text has been entered, the **right programmable key**  **[Options]** can also be used to access the functions offered:

- **Send** is used to send the message by entering the correspondent's number.
- **Editor mode: 123 Mode, ABC Mode** (see page 31)
- **T9 options** (see next page)
- **Send Options** (see page 34)
- **Cancel** is used to delete all text entered
- **Activate zoom/deactivate zoom** is used to modify size of characters
- **Formatting** is used to enrich a text
- **Insert** to insert an image or sound into your message (see page 31)
- **Save** is used to save a draft in **memory**.



The Easy Message T9™ helps you to conveniently enter your short messages.



Using T9 Mode

Press once the key corresponding to the letter chosen and make the word by continuing to press the keys corresponding to the various letters without paying attention to the display, until you have finished inputting the word: it then appears in inverse video.

If the word offered is what you wanted to enter, press the **0** key to accept it, create a space and move to the next word.

However, it is possible that several words exist in the corresponding dictionary for the same sequence of keys pressed. If the word that appears is not the word you expected, press the **right programmable key** indicating to scroll through the words held in the dictionary corresponding to this key sequence.

When you find the chosen word, press the **0** key to accept it, create a space and move on to the down word.

Press the **right key** to simply accept the characters entered without creating a space and moving on to another **T9** word.

If the word you are expecting is not proposed, please go on adding characters until you get the message "Add a word?". Select "Yes", correct the word when necessary and press "OK".

*In the input screen, the **right programmable key** is used to access other input options.*



Input modes

When composing a message:
The navigation keys assume the following functions:

- **Left key** ◀: Last word
- **Right key** ▶: Next word
- **Up key** ▲: Previous line
- **Down key** ▼: Next line
- **Left programmable key** ⏮: Deletes last letter
- **Right programmable key** ⏭: Message options
- **Hold down** ⏏ **# key**: Zoom mode (changes size of characters)
- **Short press of** ⏏ **# key**: Access to symbol table

The **ABC mode** is used to enter words that do not exist in the dictionary. To obtain a letter, press the corresponding key several times, the letters and the number scroll past.

Mode 123 is used to insert numbers.

Insert mode is used to insert symbols, animations, call group icons and tunes: the SMS then becomes an EMS. Images and sounds can be two types: pre-defined or customised. Pre-defined images and sounds are smaller in size, especially suited to exchanging messages.

Upper case

A quick touch of the * ⏏ **key** will display the next letter in upper case.

Two short presses on the * ⏏ **key** allow you to switch to upper case editing mode for the whole message.

Punctuation characters

Punctuation characters are obtained with the help of key **1** (except in **123** mode), or with the help of **Insert** mode (fast access via the ⏏ **# key**).

Accented characters

Accented characters are generated automatically in T9™ mode.

In ABC mode accented characters are available by pressing the key supporting the non-accented character in succession.

Compose MMS

This menu allows you to compose your MMS messages.

The availability of this function depends on the model of your phone.

From the **Messages** menu choose the **Compose** menu and **[Select]**. Choose MMS from the proposed options (SMS or MMS).

The functions offered are:

- **Subject**: the subject of your message goes here.
- **To**: this option gives access to the phonebook.
- **Cc**: this option also gives access to the phonebook.
- **Body**: to enter text and multimedia objects to the message.

Messages

31

When the text has been entered in the **body** screen, the **right programmable key**  [**Options**] can also be used to access the functions offered:

- **Send**. Send and receive all, send later.
- **Insert** to insert multimedia objects such as images, animations and sounds into your message.
- **Editor Mode** (see page 31).
- **T9 options** (see page 30).
- **Save** is used to save a draft in **memory**.
- **Slide...** to compose a slideshow of the multimedia objects.
- **Preview** to display a preview of the text typed.

Saving your message

You can save your message as a draft by selecting "Save" from the options, when editing the Subject or the Body. You will be able to edit it later from the "Draft" Menu.

Sending MMS messages

You have the choice to activate or deactivate the storing of messages in your Outbox after sending. Sagem recommends that messages are not stored in your Outbox by default because if too many messages are saved, the phone memory will soon become full and no further messages will be received.

Receiving MMS messages

There are 2 retrieval options, automatic and manual. The default behaviour on the user network is "Automatic Retrieval". When roaming, only the notification of an MMS message is received.

Select "Manual Retrieval" if you prefer to delay the reception of your MMS on the user network as well.

The number of messages stored in the SIM card varies depending on the card's capacity.

Receiving messages

When you receive a message, an audio signal sounds (the one selected in the **Sounds** menu) and the message icon appears on your phone screen.

If you do not read the messages, this icon remains displayed on the screen. When it flashes, the memory is full.

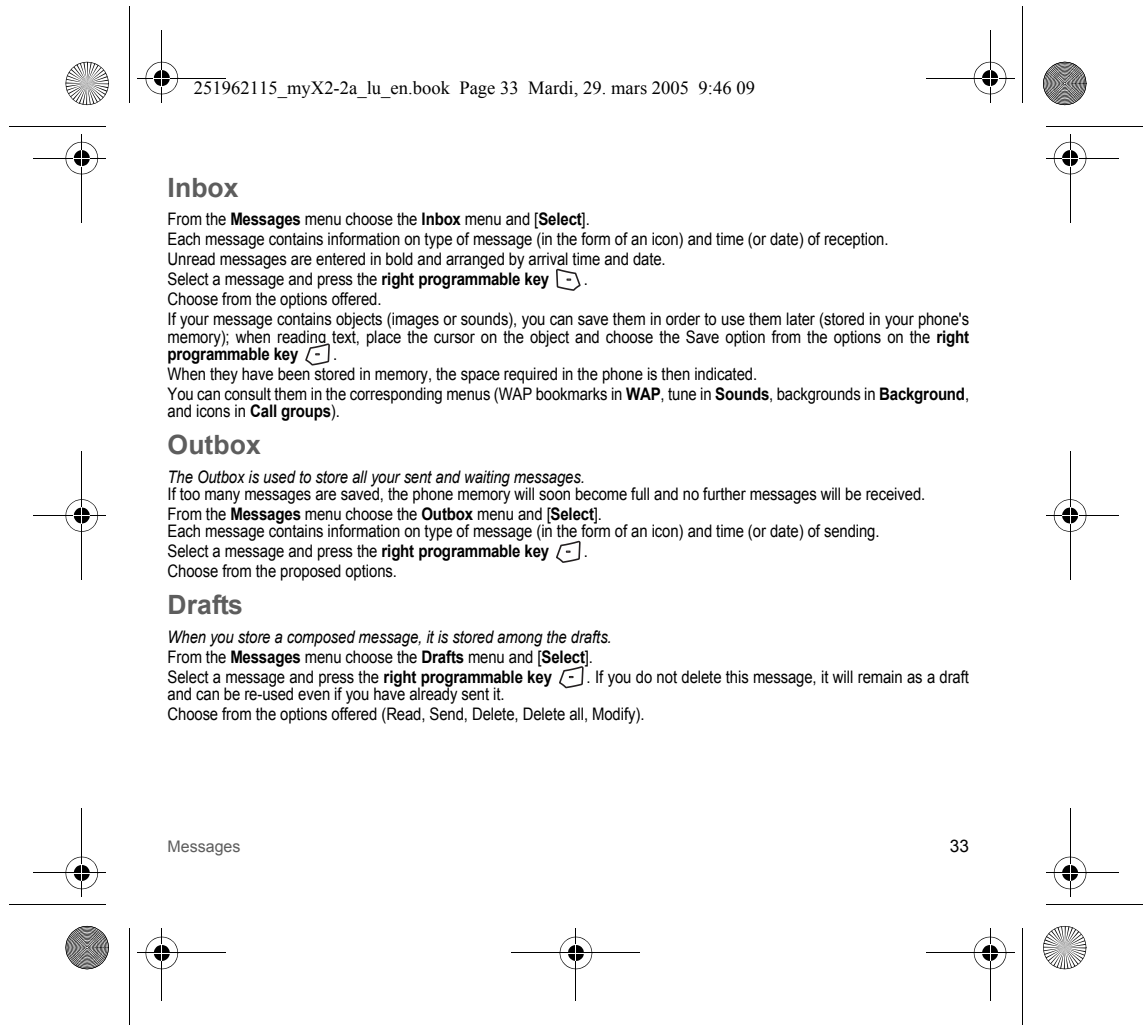
Receiving icons, backgrounds or tunes can take several seconds. Messages inform you of the progress of the download.

You have the facility to do the following at any time:

- To mask this progress screen by pressing the **left programmable key**  to make a call or access other phone information.
- Or stop the download in progress by pressing the **right programmable key** .

Consult your network operator on the downloading of icons, backgrounds or tunes.

Received messages are stored in the SIM card or in the phone until you choose to delete them.



Inbox

From the **Messages** menu choose the **Inbox** menu and **[Select]**.
Each message contains information on type of message (in the form of an icon) and time (or date) of reception.
Unread messages are entered in bold and arranged by arrival time and date.
Select a message and press the **right programmable key** .
Choose from the options offered.
If your message contains objects (images or sounds), you can save them in order to use them later (stored in your phone's memory); when reading text, place the cursor on the object and choose the Save option from the options on the **right programmable key** .
When they have been stored in memory, the space required in the phone is then indicated.
You can consult them in the corresponding menus (WAP bookmarks in **WAP**, tune in **Sounds**, backgrounds in **Background**, and icons in **Call groups**).

Outbox

The Outbox is used to store all your sent and waiting messages.
If too many messages are saved, the phone memory will soon become full and no further messages will be received.
From the **Messages** menu choose the **Outbox** menu and **[Select]**.
Each message contains information on type of message (in the form of an icon) and time (or date) of sending.
Select a message and press the **right programmable key** .
Choose from the proposed options.

Drafts

When you store a composed message, it is stored among the drafts.
From the **Messages** menu choose the **Drafts** menu and **[Select]**.
Select a message and press the **right programmable key** . If you do not delete this message, it will remain as a draft and can be re-used even if you have already sent it.
Choose from the options offered (Read, Send, Delete, Delete all, Modify).

Sending options

Several sending options are offered.

From the **Messages** menu choose the **Options** menu and **[Select]**.

Choose from the proposed options (SMS or MMS depending on model).

The proposed SMS send options are: acknowledgement, reply given, period of validity (life cycle of message on network before being routed), message format, message centre and save msgs sent.

The proposed MMS options are:

- **Store sent msgs:** (it is highly recommended that you keep this function deactivated, in order to avoid a full memory),
- **Retrieval mode** (automatic or manual): if you are or in a poor coverage area it may be more convenient to choose the manual retrieval mode which gives you the retrieve later option.
- this icon  blinking on the top of the idle screen means that a message is arriving
- Default priority: high or low
- **MMS ignore:** if you want to deactivate the reception of any MMS in your phone.
- MMS server: to select another MMS provider, or set the parameters of a new MMS provider.

Memory

You may want to know the memory available for saving messages.

From the **Messages** menu select the **Memory** option and **[Select]**.

Choose from the proposed options (SMS or MMS depending on model).

The SMS screen shows you the memory available on the SIM card phone and in the phone.

The MMS screen shows you the amount of memory used in kbytes.

Local info

This menu is used to activate reception of local information broadcast by the network.

You can choose whether or not to receive information (ask the company with which you took out your subscription).

From the **Messages** menu select the **Local info.** menu and **[Select]**.

WAP

WAP (Wireless Application Protocol): protocol that translates the Internet language into WML language that can be read by a phone. The WAP function allows you to log onto certain Internet sites. You can log onto sites that allow you to download tunes, icons or animated screensavers to your phone.

The WAP Menu

The WAP navigator is under licence:



RSA Data Security



The WAP navigator is the exclusive property of Openwave. For this reason, it is forbidden to modify, translate, disassemble or even decompile all or part of the software that makes up the navigator.

You can activate the magnifying glass to increase the size of the characters by holding down the **# key**.

Advanced...: offers the following advanced settings

- Configuring parameters
- Show URL
- Logoff
- Circuit message (if user can confirm each logon)
- Security (is used to access information on making WAP connections secure).

About...: information on the browser.

Exit: returns to the phone's home page.

The **Services menu**, a dropdown menu, can be accessed at all times when navigating through WAP pages.

Select the top left icon using the **▲ up key**.

Consult the menu using the **right programmable key**.

The **Services menu** contains all the following sub-menus:

Home: logs onto the home page.

(carries the name of your access provider)

Bookmarks: is used to save in a phonebook the names and addresses of Internet sites to facilitate easy access.

You can receive bookmarks from SMS and add them to this list (see chapter on SMS).

You can also send messages by SMS: select a bookmark, press the **right programmable key (Choice)**, then select **Send by SMS**.

Go to URL: this menu allows you to input an Internet address directly.

Inbox: this menu allows you to consult messages sent by the Internet site.

Save items: is used to save a WAP site multimedia item (option).

Reload: refreshes the current page.

Reset cache: clears the stored information on previous logons.

Configuring WAP parameters

Select the **Advanced...** menu, then the **configuration** menu.

Choose from the sub-menus offered:

Logon parameters is used to select or modify your access provider's logon parameters or configure the parameters of other access providers.

The active access service is preceded with a start.

Configuration of GSM and GPRS parameters (depending on model):

All information to be entered in the parameters are provided by your operator or access provider.

- Choose desired access service, then press **Choice**.
- Enter title of service and accept.
- Enter Internet address of home page and accept.
- Enter parameters of preferred logon:
 - **GPRS otherwise GSM** (by default): the logon to WAP services uses the GPRS as a priority. However, in the event of unavailability of the GPRS network, the GSM network is used to establish the link.
 - **GPRS**: the logon to WAP services uses the GPRS network exclusively.
 - **GSM**: the logon to WAP services uses the GSM network exclusively.

The **GSM parameters** to be entered are:

- User name
- Password
- IP address of WAP gateway
- Port type (secure or insecure)
- Call number
- Access mode (digital, analogue or automatic)

In automatic mode access can be gained to the operator's network by a digital link and by an analogue link to a different network (in roaming).

The **GPRS parameters** to be entered are:

- User name
 - Password
 - IP address of WAP gateway
 - Port type (secure or insecure)
 - APN: if no APN has been defined, press the **right programmable key**  **[Choice]** then the APN menu.
- Select or add and APN.

Once all the settings have been entered, you can activate the chosen access provider. Select him from the list. Confirm your choice with **OK**.
Inactivity time is used to choose the time after which the call is automatically disconnected if you have forgotten to log off from a service.

WAP Logging on

The connection to a WAP service on the GPRS network is not cut if an incoming call is received. You can answer the call.
 Using the **Welcome** menu, you can log onto your access provider's WAP site by pressing the **right programmable key** .
 If you are logging onto the GSM network, the @ symbol flashes, the metering of the cost of the call starts as soon as it stops flashing.

Downloading objects

Some WAP sites allow you to download ring tones, icons or animated screensavers. Once downloaded, they are stored in your phone's memory. You can then save them in your phone (same operation as used for downloading using SMS).

WAP Logging off

To log off press **Stop**  key.
 The logoff happens automatically after a few seconds of inactivity if you forget to log off.
 This period is defined by the inactivity time setting.

GPRS (depending on model)

A flashing icon indicates that the phone is logging onto a GPRS network.
 A non-flashing icon indicates that the GPRS network is available; if the icon is dark, it indicates that the phone is logged onto the GPRS network: see page 44 for the attachment options.
 This icon is not displayed if the GPRS network is not available or if the SIM card inserted in your phone does not include the GPRS service. It may also disappear when accessing WAP services if the connection uses the GSM network instead of the GPRS network.

WAP

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Games



*Depending on model, your phone is supplied with one or two games.
You can also download new games depending on your phone and your subscription.*



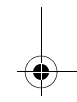
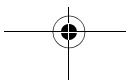
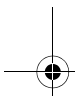
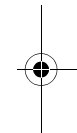
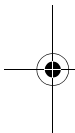
Downloaded games

This optional menu has been developed by the company In-Fusio™.

From the **Games** menu select the **Downloaded ga.** menu and press **OK**; this menu can also be accessed from the idle screen by a long press on the **9** key.

You can:

- Play the downloaded game already present (Wallbreaker).
Use keys **2, 4, 6, 8** or navigation key to move and **5** to accept or pause.
- Download new games (available from the catalogue)
- Consult the loyalty points acquired during downloads, news, instructions,
- Make settings.



Sounds



This menu allows you to customise the ring tones on your phone and to activate beep and vibrate modes.

Volume and ring tone

This menu allows you to allocate a ring tone to each type of event.
From the **Sounds** menu choose **Ring tones** menu and **[Select]**.
Select the type of event from the list offered and **[OK]**.
Select the **ring tone** from the list offered and **[OK]**.
Adjust the **volume** using the **down / up** keys and **[OK]**.
*You can deactivate the sound by pressing the * 3 key.*

Vibrate

This menu allows you to activate the vibrate mode for calls.
From the **Sounds** menu choose the **Vibrate** menu and **[Select]**.
Select the vibrate mode from the choices offered and **[OK]**.
WARNING: vibrate mode is not a priority in relation to the choice of ring tones in the call groups. To make vibrate mode apply in general, switch to Silent mode.

Silent mode

This menu allows you to switch to Silent mode.
From the **Sounds** menu select **Silent mode** and **[Select]**.
Activate or deactivate Silent mode and **[OK]**.
Silent mode can also be accessed via the home page by holding down the * 3 key.
 *When the phone is in silent mode, the relevant icon appears on the home page.*
In this mode the ring tone will not function, except for the alarm clock.



Beeps

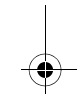
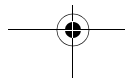
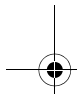
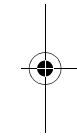
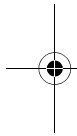
This menu allows you to activate a beep for each type of event.

From the **Sounds** menu choose the **Beeps** menu and [**Select**].

Select the type of beep you want to allocate from the choices offered and [**OK**].

Activate or deactivate the beep and [**OK**].

In the case of key beeps, you can also choose from the two types of beeps offered: key beeps or Dtmf tone (different beep depending on the key pressed).



Background

This menu allows you to customise your screen by choosing the colour, background image, animation or greeting message.

Colours

This menu allows you to display the colours you want on your phone.

From the **Background** menu select the **Colours** menu and [Select].

Select the colour you want to see during navigation from the menus and [OK].

Wallpapers

This menu allows you to display the background image you want on your phone.

From the **Background** menu select the **Wallpapers** menu and [Select].

Select the Wallpaper and **Visualise** (right programmable key ). The image appears in the background of the home page.

Press the **right programmable key**  to select your choice then select the option **Deactivate** if you want to remove the texts displayed on the home page in order to display the image entirely (The availability of this function depends on the model of your phone).

Screensavers

*This menu allows you to select an animation which appears when the phone is in standby mode if the Screensaver mode has been selected in the **Settings/Energy saving** menu.*

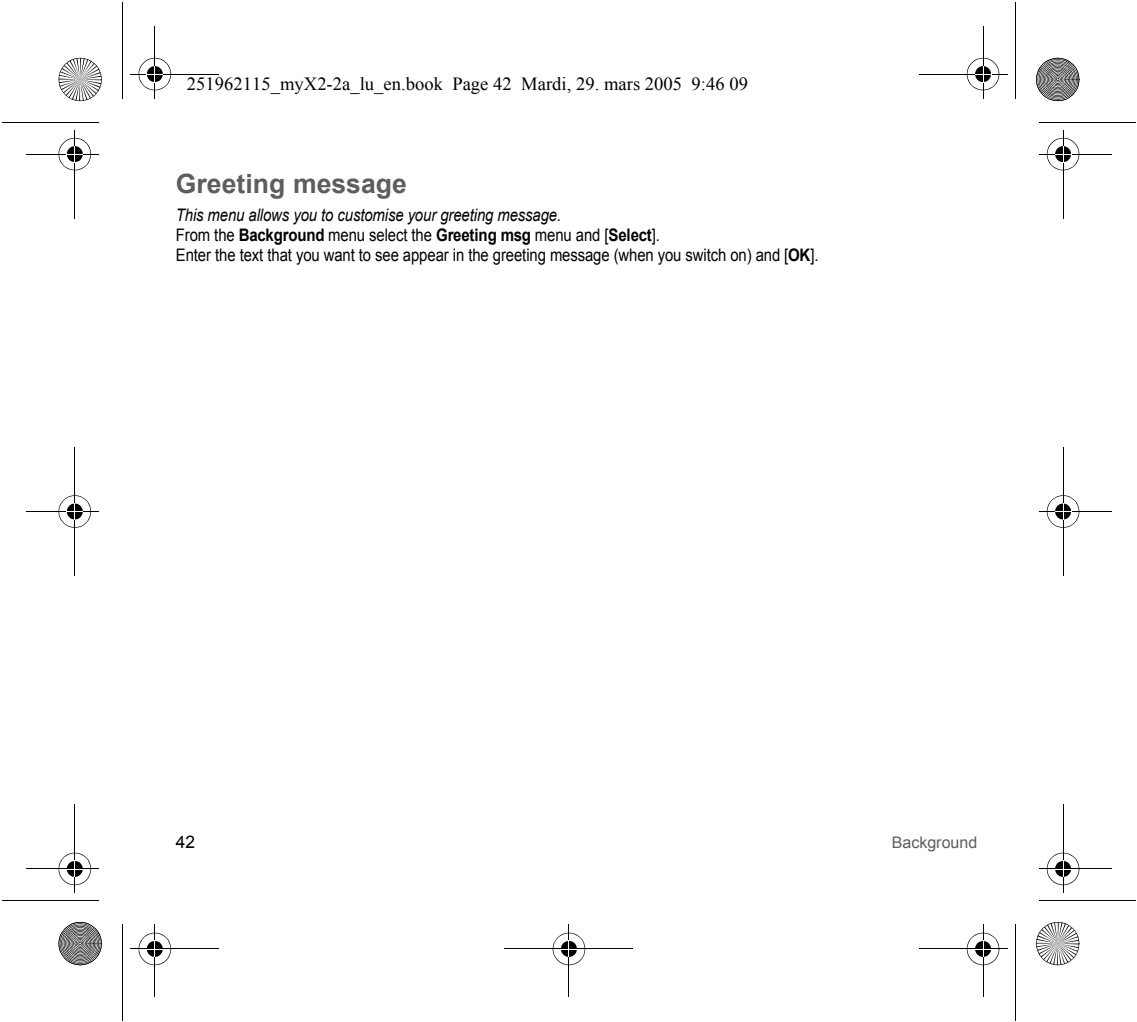
From the **Background** menu select the **Screensavers** menu and [Select].

Select a screensaver from the options offered and accept.

The chosen screensaver appears on the screen, accept it.

Adjust the screensaver display time (greater than 60 seconds) and [OK]. The screensaver appears at the end of each period of inactivity.

WARNING: the animated screensaver uses processing power. For a better efficiency you can deactivate the screensaver (in the **Settings/Energy saving** menu) or select the activation time to be more than every 300 s.



Settings

This menu allows you to customise the settings of your phone to make it as convenient as possible for you to use.

Date / Time

This menu allows you to set the date and time of your phone.

From the **Settings** menu select the **Date / Time** menu and [Select].

- Please select **Control** and [OK].
 - **Date**: set the date by entering it directly in digital form or by using the **down / up** ▼ ▲ keys. Use the **right key** ► (or left ◀) to access the next (or last) input field. Once the date is correct, **accept** it.
 - **Time**: same procedure as for setting the date.
- Please select **Display** and [OK].

In the list that appears, select the desired display type Analog, Digital or None and [OK].
- Please select **Time zone** and [OK].

Choose the time of the country desired by calculating the time from the GMT time.
- Please select **Summer time** and [OK].

Select 1 h, 2 h **Summer time** or **Winter time** depending on the season, and [OK].

My Objects

This menu allows you to find out how much memory is available for objects.

From the **Settings** menu select the **My objects** menu and [Select].

The amount of memory available is displayed. This memory is divided between your downloaded ring tones, wallpapers and screensavers.

You can delete your objects to increase the memory available for new downloads.

Languages

This menu allows you to choose your phone's display language.

From the **Settings** menu select the **Languages** menu and [Select].

Select the language of your choice and [OK].

If you select **Automatic**, the display language will be the language of your SIM card.

Networks

This menu allows you to configure network preferences.

From the **Settings** menu select the **Networks** menu and [Select].

Choose **Preferred** to view all the pre-registered networks.

Choose **Selection** to activate (automatically or manually) one of the networks accessible in the area in which your are located.

Choose **GPRS** to select the way you want to be attached on the GPRS network: always, or only when needed (when launching a data connection) (depending on model).

Contrast

This menu is used to adjust screen contrast.

From the **Settings** menu select the **Contrast** menu and [Select].

A test screen allows you to adjust the contrast by means of the **down / up ▼ ▲** keys and [OK].

Energy saving

This menu is used to select power saving when the phone is in standby mode.

To quit the standby mode, press the **Start** key .

From the **Settings** menu select the **Energy saving** menu and [Select].

There are three options:

- **Standard**: time and network information are displayed.
- **Economy**: a black screen is displayed (mode using few power consumption).
- **Screensaver**: the screensaver selected in the Background menu is displayed (mode using more power consumption).

Then set the display time for the option selected.

Short cuts

Depending on model, only one programmable key is available.

From the **Settings** menu select the **Short cuts** menu and [Select].

Select the key that you wish to modify and [OK].

Choose the function that you want to allocate to this key and [OK].

Calls

The **Calls** menu allows you to manage and consult all your phone's incoming and outgoing calls that are marked as follows:

▶ Incoming call

◀ Outgoing call

Fast access to the list of calls from the home page: press the **Start** key.

Forward calls

This menu allows you to transfer calls addressed to you.

Depending on your subscription, this service allows you to re-direct incoming calls to a different number or answer phonebox.

From the **Calls** menu select the **Calls forwarded** menu and **[Select]**.

Choose the type of forwarding you want from the options available.

View last calls

This menu allows you to access the list of last numbers used.

From the **Calls** menu select the **View last calls** menu and **[Select]**.

Each call contains information on type of call (in the form of an icon), time (or date) and duration.

Select a call from the list and **[OK]**.

Choose from the options offered.

You can also make the call by pressing the **Start** key.

Counters

This menu allows you to consult the duration of the outgoing calls.

It can also be used to consult the volume of data last exchanged in GPRS (depending on model).

From the **Calls** menu select the **Counters** menu and **[Select]**.

Choose the type of counter you want from the options offered.

Display numbers

This menu allows you to modify the status of the display number function.

From the **Calls** menu select the **Display numbers** menu and [Select].

Choose from the options offered.

Anonymous mode

You have the facility to mask your number on the phone from the person you are calling.

- **Initial:** network default mode.
- **No:** you choose not to activate anonymous mode and so to display your number.
- **Yes:** you choose to active anonymous mode and so not to display your number.

Call waiting

During a call you may be informed that a caller is trying to reach you: you hear a special tone. The caller's number is displayed on the screen (or the caller's name if it has been stored).

(Operator-dependent service)

From the **Calls** menu select the **Call waiting** menu and [Select].

You can **activate, deactivate, or consult the status** of the call waiting service in order to check if it is active or not.

During a call, if a second caller tries to contact you, the screen displays the call warning.

Automatic redial

This menu allows you to call back a person you tried to reach.

From the **Calls** menu select the **Auto redial** menu and [Select].

You can set the redial function to inactive, on demand or systematic.

If you choose **On demand**, your phone will offer to redial your caller automatically if the number is busy.



Blacklist

The blacklist is used to limit failures on automatic calls (calls generated by the automatic redial function or by applications: data, fax for example).

From the **Calls** menu select the **Blacklist** menu and **[Select]**.

When several automatic calls failed with a number (number busy or unknown), this number is put in the blacklist and no automatic call will be done with this number any more until you delete it from the blacklist.

Note: this function does not apply to the calls performed manually.

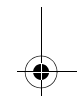
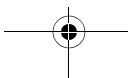
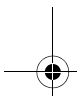
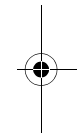
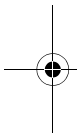
Answer phone number

This function is used to set your answer phone number.

This number will be used when you make a call from the answer phonebox using the programmable keys.

From the **Calls** menu select the **Answ. phone nb.** menu and **[Select]**.

Enter your answer phone **number** and **[OK]**.



Security



This menu allows you to configure your phone's security settings.

Keypad locking

This menu allows you to lock the keypad.

From the **Security** menu select the **Keypad locking** menu and [Select].

Select **Activate** or **deactivate** and [OK].

 The lock icon appears on the home page.

*This function is also available in the home page via a combination of the * and Select keys (right programmable key ).*

PIN number

This menu allows you to activate and modify the PIN number/code of your SIM card.

From the **Security** menu select the **PIN number** menu and [Select].

To modify the PIN, select **Modify** and [OK].

Enter old PIN and [OK].

Enter new PIN twice and [OK].

To activate or deactivate the PIN, select the **Check PIN** menu and [OK].

Enter PIN and [OK].

Select **Activate** or **Deactivate** and [OK].

See page 65 to unlock the SIM card in case of wrong PIN number typed three times in succession.

PIN number 2

You have a second PIN number to allow you to access certain functions.*

** This function may or may not be available depending on your SIM card.*

Proceed as above in order to activate, deactivate or modify the PIN number 2 of your SIM card .

Phone code

The phone code is a secret code intended to protect the phone if stolen.

*The **Phone code** menu allows you to activate the phone code so that it is requested and checked whenever the phone is switched on if a different SIM card is used. This code is automatically linked to the SIM card installed when the phone is activated.*

To activate or deactivate the phone code, select the **Phone code** menu and [**Select**].

Enter 0000 and [**OK**].

Select **Activate** or **Deactivate** and [**OK**].

To modify the phone code, select **Modify** and [**OK**].

Enter old phone code and [**OK**].

Enter new phone code and [**OK**].

Enter phone code again to verify it and [**OK**].

Confidentiality

*The **Confidentiality** function is used to delete numbers stored in View last calls and the SMS stored in the memory when a new SIM card is inserted into the phone.*

From the **Security** menu, select the **Confidentiality** menu and [**Select**].

Select **Activate** or **Deactivate** and [**OK**].

Operator code

This menu allows you to modify the call barring.

From the **Security** menu, select the **Operator** menu and [**Select**].

Access to this service depends on your type of subscription.

Call barring

This menu allows you to block the sending or reception of certain calls.

Before you can use this service, a password will be provided by your operator when you take out your subscription.

Access to this service depends on your subscription type.

To activate call barring :

- From the **Security** menu, select the **Call barring** menu, and [**Select**].
- Select incoming or outgoing calls.
- Select the call type on which you want to activate call barring.
- Select:
 - either **All**,
 - or **If roaming**, if you are away from your home country and if roaming is available, only incoming calls will be blocked.
- Select Activation and enter password.

Fixed dialling

This menu allows you to restrict the sending of calls.

From the **Security** menu, select the **Fixed dialling** menu and [**Select**].

Enter PIN number 2 and [**OK**].

Select **Activate** or **Deactivate** and [**OK**].

Proceed as for any other phonebook.

By activating this function, you can send calls only to the numbers stored in this phonebook.

This phonebook is linked to the SIM card, and its size depends on the card's capacity.

Costs

This menu allows you to control the cost of your calls () (depending on model).*

From the **Security** menu, select the **Costs** menu and [**Select**].

This menu enables you to check the cost of the last call you have made: you can also check the cost of all the calls made since you have reset the durations (Menu **Counters/Duration/Delete Duration**)

The **Delete costs** menu enables you to delete the cost of the last call. You can also reset the counters, after entering your PIN 2 code.

(*) **WARNING**

Depending on how the networks and the SIM cards are configured, some functions may not be available (shown by *).

Accessories

This menu allows you to access the various accessories offered by your phone: calendar, calculator, converter, alarm, timer, car kit, data parameters.

Calendar

This menu allows you to display a calendar.

From the **Accessories** menu, select the **Calendar** menu and [Select].

Calculator

This menu allows you to use your phone as a calculator.

From the **Accessories** menu, select the **Calculator** menu and [Select].

You can use the calculator with the help of the following keys:

- ▲ **Up key:** Add
- ▼ **Down key:** Subtract
- ▶ **Right key:** Multiply
- ◀ **Left key:** Divide
- **Right programmable key:** Equals
- **Left programmable key:** Delete

* ٫ # *** key or #:** Decimal point.

*If no calculations are being run, the **right programmable key** □ allows you to use the value in the **converter** directly.*

Converter

This menu allows you to convert one currency to another .

From the **Accessories** menu, select the **Converter** menu and **[Select]**.

Enter a value and press the **Up key** ▲ to convert from one currency to another, or the **Down key** ▼ to convert back.

The **right programmable key**  allows you to use the following options:

Rapid exchange

The converter will work in the home page by entering the desired numbers and pressing the **down / up** ▼ ▲ keys to make the conversion.

Exchange rate

Enter the rate of exchange corresponding to the chosen currencies.

Currencies

Enter the two types of currencies to be converted.

Go to calculator

This option allows you to immediately use the value converted in the **calculator**.

Alarm

This menu allows you to set and activate the alarm.

From the **Accessories** menu, select the **Alarm** menu and **[Select]**.

Activate or **Deactivate** the alarm and **[OK]**.

Set the waking time by entering the numbers directly or using the **down / up** ▼ ▲ keys and **accept**.

 The alarm icon appears on the home page.

The alarm works even when the phone is switched off.

Timer

This menu is used to set and activate the timer.

From the **Accessories** menu, select the **Timer** menu and **[Select]**.

Activate or **Deactivate** the alarm and **[OK]**.

Set the duration by entering the numbers directly or using the **down / up** ▼ ▲ keys and **[OK]**.

 The alarm icon appears on the home page.



Car kit

This menu allows you to configure your phone with a car kit.

From the **Accessories** menu, select the **Car kit** menu and [**Select**].

Choose from the options offered (Automatic response, Switch off, Alarm timing, Hands-free volume control).

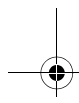
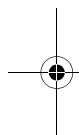
Data

This menu is used to configure the data exchange with a Personal Computer (depending on model).

From the **Accessories** menu, select the **Data** parameters menu and [**Select**].

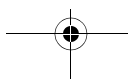
Choose the correct speed depending on the Personal computer you would like to connect to the handset.

If there is a modem embedded in your phone, you can connect it to your computer in order to receive data or fax through GSM or GPRS network: configure the connection parameters of your computer using the Wellphone CD supplied as an accessory.



Accessories

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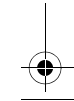
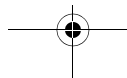
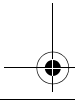
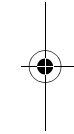
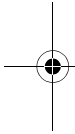


Services



This menu allows you to access numerous services offered by your operator. The list of these services will appear in the menu depending on your subscription.

*This menu allows you to access your operator's basic services.
From the **Services** menu, choose from the list offered.*



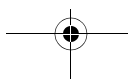


Technical features



Weight: 88 g
Size: 105,6 x 46 x 20 mm
Original battery: Li-ion 680 mAh
Battery life calls/standby: up to 3 h 30/200 h
Multimedia objects supported:
- Audio formats: iMelody, Midi, wave, amr (depending on model)
- Graphic formats: wbmp, bmp, png, jpeg, animated gif
Size of memory available for ring tones and images to be downloaded:
- myX2-2m: up to 470 KB
- myX2-2: up to 240 KB
Using temperature: from - 10°C to + 55°C

The technical characteristics of the product are subject to change without notice.



Care and safety information

Safety

Never attempt to disassemble your phone. You alone are responsible for how you use your phone and any consequences of its use.

As a general rule, always switch off your phone wherever the use of a phone is prohibited.

Use of your phone is subject to safety measures designed to protect users and their environment.

Do not use your phone in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.

Do not expose your phone to extreme temperatures lower than - 10°C and higher than + 55°C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.

Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

Electrical safety

Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

Aircraft safety

When travelling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs.

Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.

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.

Explosive materials

Please comply with warning signs at petrol station asking you to switch your phone off. You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

Electronic equipment

To avoid the risk of demagnetisation, do not let electronic devices close to your phone for a long time.

Electronic medical equipment

Your phone is a radio transmitter which may interfere with electronic medical equipment or implants, such as hearing aids, pacemakers, insulin pumps, etc. It is recommended that a minimum separation of 15 cm be maintained between the phone and an implant. Your doctor or the manufacturers of such equipment will be able to give you any advice you may need in this area.

Hospitals

Always make sure that your phone is switched off in hospitals when so instructed by warning signs or by medical staff.

Road safety

Do not use your phone when driving. In order to give your full attention to driving, stop and park safely before making a call. You must comply with any current legislation.

SAR

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg (*). Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (i.e., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR values for this model phone as reported to the FCC when tested for use at the ear and when worn on the body are given in the following table:

Highest SAR values	GSM 850 MHz	PCS 1900 MHz
Head	0.573 W/kg	0.407 W/kg
Body	0.432 W/kg	0.257 W/kg

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID M9HA2005CW (myX2-2m), FCC ID M9HA2005C (myX2-2).

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

Care and safety information

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Warranty

You must always use your phone for the purpose for which it was designed, under normal operating conditions. SAGEM SA declines all responsibility for any use outside of the scope of its designed purpose and for any consequences of this use. 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.

Usage precautions

Your phone allows you to download ring tones, icons and animated screensavers. Some of these items may contain data that may cause malfunctions of your phone or data losses (virus for example).

For this reason, SAGEM SA rejects all responsibility concerning (1) the reception of downloaded data or losses of the said data, (2) the impact on the operation of the phone and (3) damages resulting from receiving the said downloaded data or loss of said data. In addition, SAGEM SA states that a failure caused by receiving downloaded data that do not comply with the specifications set by SAGEM SA is excluded from the warranty. Consequently, the diagnosis and repair of a phone infected by the said downloaded data will be at the expense of the customer.

Any content that you download to your phone may be protected by copyright belonging to third parties and consequently you may not have the right to use this content or its use may be restricted. Consequently it is up to you to ensure that you have permission, such as under the terms of a license agreement, to use any content that you download. Furthermore, SAGEM SA does not guarantee the accuracy nor the quality of any content that you download. You alone are responsible for the content that you download to your mobile phone and how you use it. SAGEM SA cannot be held responsible for this content nor for its use.

It is your responsibility to ensure compliance, at your own expense, with the laws and regulations applicable in the country where you use your phone.

Warranty conditions

Whenever you wish to make use of the warranty, please contact your vendor and present him with the purchasing paperwork that he gave you.

If a fault occurs, he will advise you.

1.

The new phone (excluding consumables), including new accessories bundled with the phone, are guaranteed by SAGEM SA, parts and labour (apart from travel) against any manufacturing fault for a period of twelve (12) months with effect from the sale of the phone to the customer, on presentation of the paperwork stating the purchase date of the phone.

Phones that have been repaired or replaced as standard during the warranty period stated above are guaranteed (parts and labour) until the later of these two dates:

Expiry of the guarantee period of twelve (12) months stated above or three (3) months with effect from the date of support provided by SAGEM SA.

Your legal rights under the terms of applicable national law as well as your rights in relation to your retailer, as set out in the sales contract, remain applicable and are not in any way affected by this guarantee.

In any disputes, the phone is covered by the legal warranty against the consequences of faults or hidden defects in compliance with articles 1641 and subsequent of the French civil code.

2.

All faulty phones under warranty will be replaced or repaired free of charge at SAGEM SA's option (with the exclusion of repair of any other damage), once it has been specified that the work required for the application of the warranty will be done in a workshop and that the return costs (transport and insurance) of the phone to the address to be indicated to it by the SAGEM SA after-sales service, whose phone number will appear on the delivery note, will be charged to the customer.

Subject to essential legal provisions, SAGEM SA does not accept any warranty, explicit or implicit, other than the warranty provided expressly in this chapter, nor shall SAGEM SA accept responsibility for any immaterial and/or indirect damages (such as loss of orders, loss of profit or any other financial or commercial damage) under the warranty or not.

3.

The acceptance of a phone under warranty demands that a purchase document that is legible and without modification, stating vendor's name and address, date and place of purchase, type of phone and IMEI, are attached to the warranty, and that the information on the phone identification label is legible and that this label or any other seal has not been tampered with.

The warranty applies in normal conditions of use.

Prior to sending the phone for repair, it is the customer's responsibility to backup at his expense the customized data stored in the phone (phonebook, settings, wallpapers). A list of backup facilities can be provided by SAGEM SA on request. The responsibility of SAGEM SA cannot be invoked if damage occurs to customer files, programs or data. The information or operating elements and the contents of files will not be re-installed in any case in the event of loss.

SAGEM SA may decide, at its option, to repair the phone with new or reconditioned parts, replace the phone with a new phone or, in any dispute, a phone in good working condition. During its work SAGEM SA reserves the facility to make, where necessary, any technical modifications to the phone where these modifications do not adversely affect its initial purpose.

Faulty parts to be replaced during a repair under warranty will become the property of SAGEM SA.

The phone repair and standstill time during the warranty period may not lead to an extension of the warranty period as stated in article 1 above, provided no other vital provisions have been agreed.

The application of the warranty is subject to the full payment of the sums due for the phone when the request for support is made.

Warranty

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4.

The following are excluded from the warranty:

Breakdowns or malfunctions due to non-compliance with the installation and use instructions, to an external cause of the phone (shock, lightning, fire, vandalism, malice, water damage of any type, contact with various liquids or any harmful agent, unsuitable electric current...), to modifications of the phone made without the written consent of SAGEM SA, to a servicing fault, as described in the documentation supplied with the phone, to lack of supervision or care, to poor environmental conditions of the phone (especially temperature and hygrometry, effects of variations in electric voltage, interference from the mains network or earth) or even due to a repair, a call-out (opening or trying to open the phone) or to servicing done by personnel not approved by SAGEM SA.

Damage resulting from inadequate packaging and/or poor packing of the phone sent back to SAGEM SA.

Normal wear and tear of the phone and accessories.

Communication problems linked with a poor environment, especially:

Problems accessing and/or logging onto the Internet, such as breakdowns of the access network, the failure of the subscriber's or his correspondent's line, transmission fault (poor geographic coverage by radio transmitters, interference, disturbance, failure or poor quality of phone lines...), a fault inherent to the local network (cabling, file server, user phone) and/or transmission network fault (interference, disturbance, failure or poor quality of the network...).

Change of parameters of the cellular network made after the phone was sold.

Supply of new software versions.

Current servicing work: delivery of consumables, installation or replacement of these consumables...

Call-outs for phone or software modified or added without the written consent of SAGEM SA.

Faults or disruptions resulting from the use of products or accessories not compatible with the phone.

Phones returned to SAGEM SA without having complied with the return procedure specific to the phone covered by this warranty.

The opening or closing of a SIM operator key and call-outs resulting in the non-operation of the phone resulting from the opening or closing of SIM operator key done without the agreement of the original operator.

5.

In the cases of warranty exclusion and of expiry of the warranty period, SAGEM SA shall draw up an estimate to be given to the customer for acceptance before any call-out. The repair and carriage costs (there and back) given in the accepted estimate will be charged to the customer.

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End User Licence Agreement (EULA), for the software

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Troubleshooting

PROBLEM - SITUATION	ACTIONS
Impossible to start phone	Hold down the Start key  (3 s). Charge the phone up for 15 minutes before starting it again. Check the battery charge icon scrolls. Yes: charge correct. No: disconnect the charger, then reconnect it, check that the battery icon scrolls. Press the right programmable key "Start". If the icon continues not to scroll, repeat the disconnect and connect operation several times. If the battery still does not charge, contact the after-sales service. When the charge battery icon has stopped flashing, the battery is charged.
BATTERY STATE UNKNOWN message	The battery has not been recognised by the phone. Check that the battery is correctly installed in the phone.
LOW BATTERY message	This message is displayed when the battery becomes too weak. The phone switches itself off automatically. Put the phone on charge.
SIM MISSING message	Check SIM card is present and properly installed. Visually check the SIM card. If the card is damaged, contact the operator's point of sale to check. If the message continues, contact the after-sales service.
PIN INCORRECT Message	PIN keying error. Caution: after three attempts, the SIM card is locked.
SIM BLOCKED	If a wrong PIN number is entered three times in succession, your SIM card is blocked. You must then: - Enter "***05**". - Enter the PUK (Personal Unblocking Key) code provided by your operator, and accept. - Enter your PIN number and accept. - Enter your PIN number again and accept. After 5 or 10 failed attempts (depending on the type of SIM card), the SIM card is definitely locked. You must then contact your operator or your SMC to obtain a new card.



PROBLEM - SITUATION

SIM LOCKED

ACTIONS

On network providers' request, the handset can only be used with some types of SIM cards. This message means that the SIM card you are using does not fit with the phone. Take the SIM card out, and switch the phone back on. If the message "SIM not present" appears on the screen, you will need to check its compatibility next to the place where you bought it. If not, please contact your Customer Services.

No call connection

Check the called number. Check that at least one signal strength bar is present. If the R icon appears without any operator name being displayed, only emergency calls are possible. Check that your call credit with your operator has not been used up. Check that the SIM card used offers the service that you are requesting and that its validity has not expired. Check and deactivate the restriction on outgoing calls if necessary. The network is overloaded. Call again later. If the poor call connection persists, contact the hotline.

No call reception

Try to make a call to check that the phone and the network are operational. Check and deactivate the permanent calls forwarded (permanent calls forwarded icon displayed). Check and deactivate the restriction on incoming calls if necessary. If the poor reception persists, contact the hotline.

Network reception less good during a call

Avoid holding the phone with your fingers at the top of the rear cover; this creates an obstacle for the antenna located at this spot.

Impossible to send message

Check that the SIM card used offers this service. Try to make a call to check that phone and network are operational. Check that the message centre number is correctly configured. To do so, please select go to the **Messages** menu, select **Options**, select **SMS**, select **Message centre number** and check the number entered. Please contact your network provider to get that number.

No answer phonebox

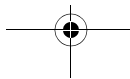
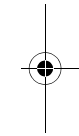
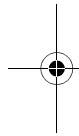
Check that the SIM card does offer this service. Programme the call to be forwarded to answer phone using the information provided by the operator.

Answer phone icon flashing

Call the answer phone to make it disappear.

Backlight does not work

Go into the **Settings** menu, select the **Energy saving** menu and activate backlight



PROBLEM - SITUATION

In WAP context:
SERVER NOT ANSWERING message
 Logon to home page impossible
 Operator name does not appear on screen
 How do I (un)lock the keypad?
 How do I switch to silent mode?
 How do I activate zoom?
 How do I remove the envelop that appears on the screen? 

How do I lift the receiver that appears on the screen? 
 How do I remove the written message at the down of the home page (1 call)
 How do I download ring tones?

How do I free up memory to download my objects (sounds, images)
 How can I increase the efficiency of my phone?

No text on the home page (network name, menu)

ACTIONS

Switch off and then switch phone back on.

In the **WAP** menu, **Clear the cache**.
 Go into the **Settings** menu, select **Networks**, then **Selection**. Wait until the operator appears, select it and accept.
 Hit *** 3 key**, then the **right programmable key**  (**OK**).
 Hold *** 3 key** down unless ring tone sounds, when a short touch is enough.
 Can be activated only in SMS and WAP screens; hold down **5 # key**.
 This envelop means that you have written or answer phone.
 To remove it, all you need to do is enter the "Messages" menu to read your messages. The envelop is then deleted.
 In the case of a voice message, contact your answer phonebox and let it guide you.

This receiver means that you have received answer phone in your message box. To remove it, call your answer phone.
 Press the **Stop**  key to return to the home page without messages.

Logon to one of the following site via your computer: www.planetsagem.com.
 This site offers to send ring tones to your phone in the form of an SMS. You can also logon to your operator's site. Once the SMS has been received, all you have to do is save it: accept the option "Save messages", the tune will then be added to your list. In addition, you can logon to some sites by phone.

Go into the **Settings** menu, select **My Objects** then delete some objects (too many).
 You can deactivate the screensaver or select the activation time to be more than every 300 s (the screensaver uses processing power).
 Make sure that you don't obstruct the antenna with your fingers when using the phone (see page 20).
 Go to the **Background/Wallpapers** menus and select the option **Activate** in **Normal screen**.



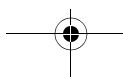
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Sweden	08 519 923 21
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Czech Republic	855 555 600
Brazil	0 800 891 6247
Slovakia	(421) 02 68 629 355
Hungary	06 1 7774 839

Customer Care e-mail address: support.mobiles@sagem.com

Web sites: www.sagem.com/mobiles
www.planetsagem.com
www.sagem-online.com



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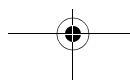
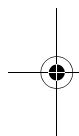
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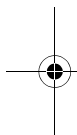
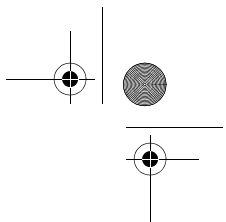
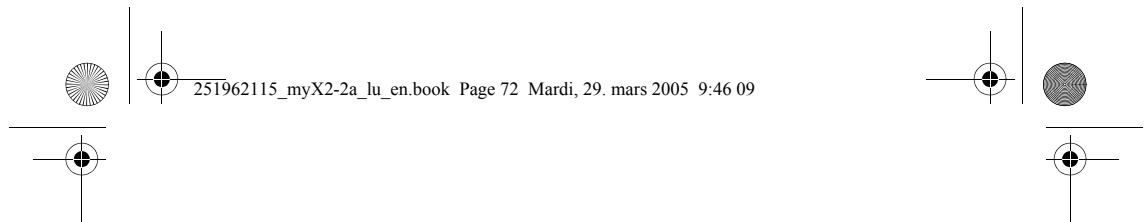
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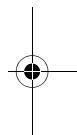
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