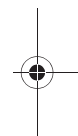
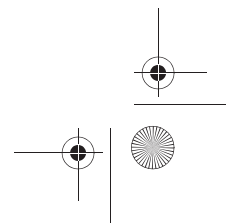
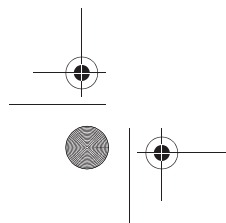


MYC4-2



ENGLISH



You have just purchased a SAGEM phone, we congratulate you; it is recommended that you read this handbook carefully in order to use your phone efficiently and in the best conditions.
Your phone can be used internationally in the various networks (GSM 900 MHz and DCS 1800 MHz) depending on the roaming arrangements with your operator.

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

WARNING

Depending on the model, network configuration and associated subscription cards, certain functions may not be available. Ensure that your SIM card is a 3 V 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.

Your phone is identified by its IMEI number. Write this number down, and do not keep it with your phone, because you may be asked for it in the event of your phone being stolen, in order to prevent it from being used, even with a different SIM card. In order to display the IMEI on your phone's screen, type: *#06#.

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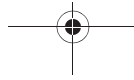
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Menus


 **Phonebook**
Contacts menu


 **Messages**
Compose
Inbox
Outbox
Sentbox
Drafts
Options
Memory
Local info.
Call Voice Mail
Mailing list

 **Camera**

 **Multimedia**
My Pictures
My Sounds
Memory
Help

 **WAP**
 **Games**
 **Organizer**
See month
See week
See today
See date
Calendar menu
Help

 **Applications**
Converter
More Applications
Alarm
Timer
ToDo
Services
Calculator

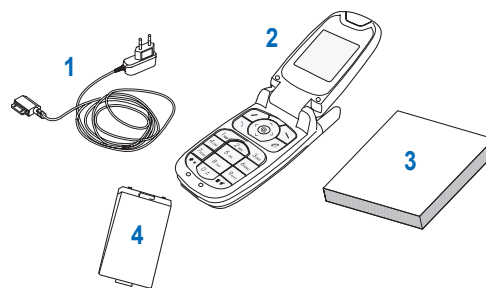
 **Settings**
Sounds
Display
Camera
Languages
Calls
Security
Networks
Leds
Shortcuts
Date / Time
Active flip
Connectivity
WAP settings
Help

 **Services**

Your phone package - Accessories

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

- 1 -Phone
- 2 -Charger
- 3 -Battery
- 4 -User guide



Accessories

You can also find (as an option) or order the following accessories:

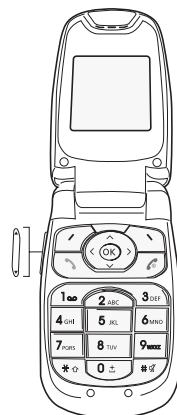
- Hands-free kit (*)
- Additional battery
- Additional charger (*)
- USB cable (with associated drivers) to connect your phone to a PC
- In-car charger













(*) These accessories are specific for myC-x series.

[Your phone package - Accessories](#)

Description

Programmable keys and
Shortcut keys



-  **Hold down:** Switch on/off
In a call context: Reject a call - hang up
In menus: Return to initial screen
-  **Long press:** Activate/Deactivate hands-free mode
In call context: Call - receiving a call
In initial screen: Fast access to the list of calls
-  **Right key:**
In initial screen: Access to certain functions (shortcuts)
In menus: Access to the selection shown on screen in the tab (*)
-  **Left key:**
In initial screen: Access to certain functions (shortcuts)
In menus: Access to the selection shown on screen in the tab (*)
-  Previous choice/increase value/up
During call: Increase volume
-  Next choice/reduce value/down
During call: Reduce volume
-  Up input field/move left
-  Down input field/move right
- OK** *In initial screen:* access to main menu.
In the menus: context-sensitive access to different functions.
During a call: take a call.
-   **When composing a message:**
Short press: switches from one input mode to another (T9, ABC, 123)
Long press: upper case/lower case
-   **Hold down:** *In initial screen:* Silent mode
In call reception mode: Short press stops ring tone
In ring tone setting mode: Activate/deactivate ring tone

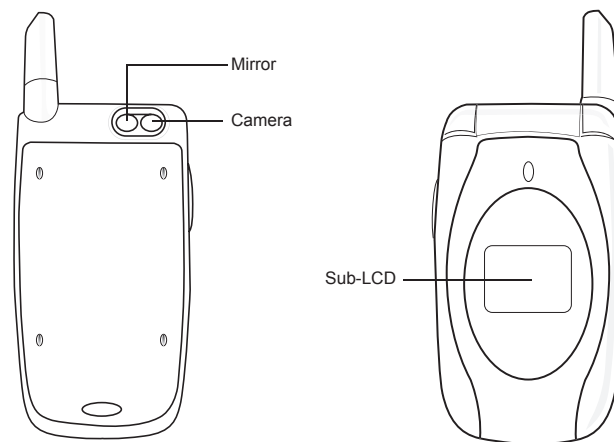
Programmable Shortcut keys

keys and

Lateral key

- Short press on up or down used for volume control during a call
- Short press on down key used to go to silent mode on incoming call

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




The sub-LCD displays date and time, battery and network icons and incoming calls.


Description



Navigation principles





These basic principles bring a great intuitiveness to your phone.

Validate by pressing the  key or the **OK** key.


Cancel by pressing the  key.


The thumbnails at the bottom of the screen refer to the   keys.


In the menus, a title bar reminds you of the previous level.

The   navigation keys are used to navigate from one menu to another within the same menu structure.

From the home page, pressing the    or **OK** keys displays the icons of the main menus.

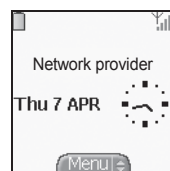
The  key is used to go from a menu to a sub-menu.

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

The  key (press briefly) is used to go back to the initial screen (current function is abandoned).

In some menus there is a **Help** menu ( icon) which informs you on the various functions of the sub-menus.

Initial screen



The initial screen contains the following information:

1 - The title bar icons:

- Battery
- Calls forwarded
- Call (establishing the call)
- Call (hands free)
- Message (reception of a message, message memory full)
- FAX communication
- DATA communication
- Silent mode
- Message in answering machine
- WAP (@) communication
- GPRS
- Home zone
- Roaming
- Protected WAP logon
- Protected WAP logon icon with certificate
- Signal strength level (5 bars).

2 - Date and time, in digital or analog mode

3 - Network provider

4 - Thumbnail centred on bottom line:

the main « Menu » thumbnail shows that the menu can be accessed via the **OK** key.

The following information may also be displayed:

« 1 message received »; or « 1 call ».

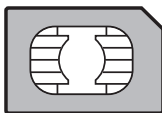
They can be deleted by pressing key briefly.

Initial screen

13

Activating your phone

Information on the SIM card



To use your phone, you need a card called SIM card. It contains personal information that you can modify:

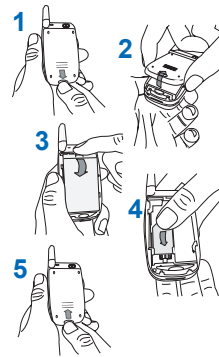
Secret codes (PIN(s): Personal Identification Numbers), these codes allow you to protect access to your SIM card and phone.

Your phone is compatible with the SIM 3V cards.

WARNING

This card must be handled and stored with care in order not to be damaged. If you should lose your SIM card, contact your network provider or your SMC (Services Marketing Company) immediately. Please keep your SIM card out of reach of young children.

Installing the SIM card and the battery



The SIM card is inserted under the phone's battery. Ensure that the phone is switched off and the charger disconnected.

- 1 Turn to the phone's back and push the lock button.
- 2 Remove the back cover by sliding it downwards.
- 3 Take out battery by pushing the button upwards.
- 4 Slide the SIM card, with cut corner as shown on the phone, into the card holders with fold face down.
- 5 Place the battery by positioning first the lower part. Replace the back cover by sliding it upwards.

Getting started

When you switch on your phone for the first time, you must configure it with various settings that will remain by default until you choose to modify them (depending on model).

After entering your PIN code and the date and time, make your choice for the following settings: time zone, daylight savings, skin, wallpaper, screensaver, ring tone, volume, vibrate and voicemail number.

If there are contacts saved in your SIM card, you are invited, if you wish, to copy them in the phone contacts memory.

Using your phone

Increase the efficiency of your phone

- Don't press the keys when not necessary: each keypress activates the backlight, and uses much power.
- Don't activate too often the screensaver: if the frequency of activation is too high, the power consumption increases.
- Don't obstruct the antenna with your fingers.

Hands-free mode

During a call, press and hold the  key to switch into hands-free mode.

When a call is on hand, pressing **[Options]** allows you to have access to different functions: switching to hands-free mode, switching to mute mode, switching to contacts menu, displaying menus.

WARNING: do not use the phone in hands-free mode near to your ear, or you may suffer hearing loss.

Charging the battery



Your phone is powered by a rechargeable battery. A new battery must be charged for 4 hours at least 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 calls in order not to be cut off in the middle of a call.

To recharge the battery:

Connect the charger to a socket.

Plug the end of the cable into the bottom connector of the phone.

The phone is then charging up. The battery icon is scrolling up and down to indicate that it is charging. When the battery is fully charged, the charging stops on its own. Disconnect the cable.

When charging, the battery may warm up, this phenomenon is normal.


WARNING

There is danger of explosion if the battery is placed in an incorrectly way 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 as shown in the phone manufacturer's catalogue.
The use of other types of chargers or batteries may be dangerous or invalidate the warranty.
Used batteries must be disposed of in the appropriate places.
We advise you to take the battery out if you plan not to use the phone for extended periods.
You are strongly advised not to connect your phone to the charger if it doesn't contain a battery.
The charger is a safety step-down transformer, it is forbidden to modify, alter or replace it by another component (power supply plug, etc).

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  key. A short display appears.

PIN number

This is your SIM's secret code.

If access to the SIM card is protected, the device 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  key to validate.

If your phone indicates that the SIM is missing, press the  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 validate.
- Enter your PIN number and validate.
- Enter your PIN number again and validate.

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 \vee \wedge keys to increase or decrease the default values. Use the \triangleright key (or \triangleleft key) to access the **next** (or last) data input field.

Once the date is correct, press the \square key to validate.

Setting the time: Same procedure as for setting the time.

If necessary, you can choose the Time zone and eventually the season.

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 \star 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 \square \square or lateral keys.

My phone in 5 minutes

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At the end of the conversation press the  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  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  key or the  key to answer, and speak.

To refuse the call, press the  key or the  key.

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

Hands-free mode

During a call, press and hold the  key to switch into hands-free mode.

WARNING: do not use the phone in hands-free mode near to your ear, or you may suffer hearing loss.

When a call is on hand, pressing **[Options]** allows you to have access to different functions: switching to hands-free mode, switching to mute mode, switching to contacts menu, displaying menus.

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

Switching off

Press the  key for one second.

The end message is displayed. The phone switches off.

First setting: Ring tone



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 **Initial screen**, press the \vee key to access the main menus.

On the **Settings** menu, please select the **Sounds** menu and [Select].

Enter this menu by pressing the \square key.

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

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

Enter by pressing the \square key.

With the help of the \vee \wedge keys select the type of function where you want to change the ring tone from the proposed list and validate.

Enter by pressing the \square key.

Using the \vee \wedge keys select the ring tone from the list offered.

Enter by pressing the \square key.

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

If required, press the $\#$ \square key to cancel the sound.

Adjust the volume using the \vee \wedge or lateral 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.

Validate by pressing the \square 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.

To store a contact in the phone memory, the following fields can be filled: last name, first name, numbers, email, URL, address, company, comments, ringtone, photo.

The fields followed by a star are mandatory.

To store a contact in the SIM card, only the last name and number fields must be filled.

The storage capacity will depend on the SIM card. Please contact your network provider to get that information.


Using the phonebook


Display the **Phonebook** 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 **Contacts menu** function will be available.

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

 contact stored in the SIM card

 contact stored in the phone

 if the Fixed dialling option is activated, only those contacts may be called. See **PIN2 number** and **Fixed dialling** in **Security** Menu for more details about this activation.

Storing a new contact

Depending on the location where you want to store a new contact, select **Add phone contact** to store it in the phone memory or **Add SIM contact** to store it in the SIM card memory or in the Fixed Dialling (Fixed Dialling is available depending on PIN number 2 options of your SIM card).

Adding a contact in the SIM card memory

- Select the **Contacts menu** and press the **OK** key.
- Select **Add SIM contact** and press the **OK** key.
- Select **SIM card** or **Fixed directory** and press the **OK** key.
- Enter the last name and press the **OK** key.
- Enter the number and press the **OK** key.
- Press **[Save]** to store it.

Adding a contact in the phone memory

- Select the **Contacts menu** and press the **OK** key.
- Select **Add phone contact** and press the **OK** key.
- Enter the last name and press the **OK** key.
- Enter the number and press the **OK** key.
- Fill in other fields if you want.
- Press [**Save**] to store it.

Contacts menu

Mailing list

You can create a mailing list with contacts to whom you want to send SMS or MMS.

- Select the **Contacts menu** and press the **OK** key.
- Select **Mailing list** and press the **OK** key. The phone asks you to confirm the creation of a new list.
- Select the list type (SMS or MMS) and press the **OK** key.
- Enter a name and press the **OK** key.
- Then, on a list press [**Options**]. Select **Add contact** each time you want to add a contact in the list.

Memory

Select **Memory** and validate. Select SIM or Telephone and validate.

Phone: the screen displays the amount of memory used. The memory capacity is shared between the phonebook and various other features. If you lack memory, check if you can free some space from another feature.

SIM: available memory only for contacts.

My numbers

You can create the entries corresponding to your own numbers in order to consult them when necessary.

Select **My numbers** and validate. Enter the different details and validate.

Options from a contact saved

Displaying a contact

Select a contact from the list using the \vee \wedge keys and press the **OK** key. The name and the number are displayed.

Note: By directly pressing one character, the phone will display the first contact saved in the phonebook, starting with it.

To display the different options, select a contact from the list using the \vee \wedge keys and press [**Options**].

Modify contact

Modify what you want and validate then select **Save** once the modifications completed.

Phonebook

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.

Delete

Validate deletion of entry.

Send message


To send a message (SMS or MMS) (see chapter **Messages**).

Send by

To send a message (SMS or MMS) (see chapter **Messages**).

Calling a contact

Several ways:

- Select a contact. Press the  key to start the call.
- Select a contact, press the **OK** key, his number is displayed, press **[Call]** to start the call.
- Direct call from the initial screen: type the number with which the contact was saved then * (example : 21 *) or the number then # , the number is displayed, confirm.

Sending a vCard

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

vCards can be sent to another phone supporting vCard.

On a contact in the phonebook, please select the **Send by** option menu item (SMS or MMS).

If the vCard is sent successfully, an information message is displayed.

vCards can be sent as an attachment to an SMS or MMS message. See **Compose MMS** on page 27.

Receiving a vCard

When a vCard is received enclosed to an SMS or MMS message, the message « You have received 1 message » is displayed.

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

Messages



From this menu, you are able to send SMS and MMS. MMS is a Multimedia Message Service, which allows you to enclose audio files, images and others rich contents to your messages; these messages can even be composed of several slides. MMS are differently invoiced than SMS are. Please contact your network provider to get more information on their cost. This menu has been compiled in collaboration with magic4™.

magic4

Compose SMS

On the **Messages** menu, please select the **Compose** menu and validate. Choose the **SMS** option.

The language used is the one selected on the display of the phone (if the language selected is not compatible with the Easy Message T9™, the English language will be automatically selected).

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, **[Options]** is used to access the functions offered:

- **Send** is used to send the message by entering the correspondent's number or selecting it in the phonebook
- **ABC Mode** (see page 26), **123 Mode** (see page 26)
- **T9 options** (see page 26)
- **Save** is used to save a draft in memory
- **Cancel** is used to delete all text entered and quit
- **Activate/De-activate Zoom** is used to modify size of characters
- **Activate/De-activate Silent** is used to activate or not the keypad beep when typing the text
- **Formatting** is used to enrich a text
- **Insert** to insert various objects (symbols, sounds, etc.) into your message (see page 27).

The Easy Message T9™ mode helps you to easily write your short messages.

Using T9 Mode

Press once the key corresponding to the letter chosen and compose the word by continuing to press the keys corresponding to the various letters without paying attention to the display: the word is highlighted.

If you agree on the word proposed on the screen, press the **0** key to validate it (the **0** key inserts a space), and go on writing the next word.

However, the same sequence of keys pressed can correspond to several words, existing on the dictionary. If the word that appears is not the word you expected, press the **✓** **^** keys to scroll through the words corresponding to this key sequence. Once you agree on the word proposed on the screen, press the **0** key to validate it (the **0** key inserts a space), and go on writing the next word.

If the word you are expected is not proposed, please add characters until you get the message **Add the word?** Press **[Yes]** and validate if the word displayed suits you or modify this word before adding it in the dictionary.

Input modes

When composing a message:

The navigation keys assume the following functions:

- **< key:**
Last word
- **> key:**
Next word
- **^ key:**
Previous line
- **✓ key:**
Next line
- **⌫ key:**
Deletes last letter
- **⌵ key:**
Message options
- **# key (short press):**
Access to symbol table

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

The **ABC Mode** is used to write words that do not exist in the dictionary. To get a particular character, please press the corresponding key several times: the characters will scroll down on your screen. **Mode 123** is used to add numbers.

Insert mode is used to add symbols, emoticons, sounds, visit cards or an event saved in the **Organizer** menu.

Upper case

A long press of the *** ⇄** key will display the next letter in upper case.

Two long presses on the *** ⇄** key allow you to switch to upper case editing mode for the whole message. Two short presses again, switches back to lower case.

Punctuation characters

Punctuation characters are obtained thanks to key **1** (except in **123** mode), or with the help of **Insert** mode (fast access by briefly pressing 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

On the **Messages** menu, please choose the **Compose** menu and validate. Select the **MMS** option.

When the text has been entered, **[Options]** is used to access the functions offered:

- **Insert** to insert various objects (symbols, sounds, etc.) into your message
- **ABC Mode, 123 Mode** (see page 26)
- **T9 options** (see page 26)
- **Cancel** is used to delete all text entered and quit
- **Slide...** to compose a slideshow of the multimedia objects
- **Preview** to see a presentation of the multimedia objects

Saving the message

Select **Save**. It is saved in the **Drafts** menu.

Sending the message

- Once the text entered, press the **OK** key or press **[Options]** and select **Send**.
 - Enter the receiver's number (or take it in your phonebook pressing **[Options]/Contacts**) and press the **OK** key.
- You can enter an e-mail address.


Note: It is possible that the voice message format (.amr) is not supported by some PC. See your PC provider.

Warning: some message sendings may fail if the message content is too big.

Pressing **[Options]** before sending the message gives access to different options:

- **Send Options:** can be used to indicate the period of validity, activate/deactivate a request delivery report, a priority, a delivery time, a sender visibility or to defer the sending of the message.
- **Add Recipient:** this option allows you to add another recipient.
- **Editor:** this option allows you to modify the text before sending the message.
- **Add Subject:** this option allows you to add a subject to the message.

Receiving messages

When you receive a message, the phone plays the ring tone that you selected, and the message icon  comes on the screen of your phone.

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. An icon is blinking when the download of your message is in progress.

Note that you have two different possibilities for receiving MMS: automatically or manually; if « manual mode » is activated, then you will receive only a notification in your Inbox, meaning that a MMS is available on the MMS Server; select Retrieve in the options when you want to retrieve the MMS from the server.

For more details about automatic and retrieval modes, see « Sending options » on page 29.

Please contact your network provider to get more information on icons, backgrounds or tunes downloading.

Inbox

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

On the **Messages** menu, please choose the **Inbox** menu and [**Select**].

Each message shows the presence of any attachments, the time and date the message was received and its size.

Messages are listed in chronological order, the latest one being displayed first.

The quantity of Not Read and Not Retrieved messages is shown. Not Retrieved and Not Read messages are shown in bold.

Select a message and press the **OK** key. Choose one of the options given.

Enclosures (pictures or sounds), which you receive, can be extracted in order to be used later on (stored...).

You can consult them in the corresponding menus (WAP bookmarks in **WAP**, ring tones in **Sounds**, wallpapers in **Display**).

Outbox

On the **Messages** menu, please choose the **Outbox** menu and [**Select**].

This menu displays the messages that failed to send. You can therefore try to send them again.

Sentbox

The **Sentbox** menu is used to store all your sent messages if you activated the option **Store sent msgs** in the **Options** menu (see page 29).

Too many messages saved will quickly fill up the available memory and no further messages will be received.

For each message, its characteristics (shown with an icon) and the time (or date) of sending are displayed on the screen.

Select a message and press the **OK** key.

Choose one of the options given: Read, Modify, Forward, Delete, Delete all.

Drafts

When you store a composed message, it is stored among the drafts.

On the **Messages** menu, please choose the **Drafts** menu and press the **OK** key.

Select a message and press **[Options]**. The options are: Modify, View, Send, Details, Delete, Delete all.

If you select a message and press the **OK** key, you can modify it.

If you want to send it, select **Modify** then press **[Options]** and select **Send**.

Sending options

Several sending options are offered.

On the **Messages** menu, please choose **Options** and **[Select]**.

Choose one of the options given: SMS or MMS.

The SMS sending options are: message centre number, store sent message, acknowledgment, reply given, period of validity (during that period, the network provider will try to send the message), message format.

The 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:** if you are in a poor coverage area, it may be more convenient to choose the manual retrieval mode which gives you the retrieve later option.
- **Priority:** selection of a priority to send a message.
- **Request delivery .:** request of a delivery report when sending a message.
- **Period of validity:** during that period, the network provider will try to send the message.

Advanced settings:

- **Max. size:** if you want to activate/deactivate the option of maximum size supported for the MMS.
- **Send delivery rep.:** sending a delivery report when receiving a message.
- **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.
- **Sender visibility:** you choose to display or not your phone number on the receiver's phone screen, with that message.

Messages

Memory

You may know the memory available for saving messages.

On the **Messages** menu, please select the **Memory** option and **[Select]**.

Choose one of the options given: SMS or MMS.

The SMS screen displays the memory available either on the SIM card or on the phone.

The MMS screen displays how much memory is used in Kbytes.

Local information

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

You can choose whether you want to receive this information or not (please contact your network provider).

On the **Messages** menu, please select the **Local info.** menu and **[Select]**.

Calling voicemail

This function allows you to call your voicemail.

On the **Messages** menu, please select the **Call Voice Mail** option and **[Select]**.

Note: if your voicemail number has not been entered yet, you must enter it in the menu **Settings/Calls/Voicemail**.

Mailing list

This menu displays the mailing lists created in the phonebook.

On the **Messages** menu, please select the **Mailing list** option and **[Select]**.

To display the different options, press **[Options]**.

- **Add mailing list:** allows you to create a new mailing list.
- **Modify name:** allows you to modify the mailing list name.
- **Add contact:** allows you to add a contact to the mailing list.
- **Properties:** allows you to see the type of mailing list and the number of contacts.
- **Delete:** allows you to delete the mailing list.
- **Delete all:** allows you to delete all mailing lists.

Camera



This menu allows you to take photos and use them for different purposes. For instance, you can send them to another phone or an Internet address, store them, use them as wallpapers or screen savers...

Take and send a photo

Before taking a picture, some features need to be set. See the **Settings/Camera** menu.

From the initial screen, press \vee or \wedge to display the main menu and select the **Camera** menu.

The camera is now on. Look into your phone display and position your subject. Move your phone to position your photo. You may modify the camera settings by selecting **[Options]** (see page 47).

Before taking a picture, there are various adjustment settings:

- To activate one of the three available zoom levels, use the \vee \wedge keys.
- You can set the photo layout (landscape or portrait) using the \rangle key.
- You can set the luminosity using the \langle key:
 - \square : in case of neon or halogen lighting, \blacktriangle : outdoor, \diamond : low luminosity.
- To take a picture with a 5, 10 or 15 second time delay, you must first activate timer (**[Options]/Activate timer**), then set its duration (**[Options]/Timer duration**).

Taking and/or sending a picture

- Press **OK**, the photo is taken and stays on the phone display.

*Warning: if you press **[Back]**, you will go back to the previous screen and lose the photo you have just taken.*

- Press **OK** if you want to send the photo immediately.
- Press **[Save]** to save your photo and display the different options (see hereunder).

If there is not enough memory to save the photo, a warning message appears, prompting you to confirm whether you want to go on.

Once taken, the photo appears on the phone display. The name is made up with a number.

Note: using the camera during a call may disturb the call quality.

252054107_myC4-2_lu_en.book Page 32

Lundi, 2. mai 2005 3:42 15

The options are:

- **Add to contact:** allows you to assign a picture to a contact saved in the phonebook.
- **Send by MMS:** allows you to send the photo by MMS (see the **Messages** menu).
- **New...:** allows you to take a new photo,
- **Editor:** various options to modify a photo:
 - *Sepia:* allows you to change colors into sepia,
 - *Zoom:* allows you to magnify certain parts of your photo,
 - *Adjustment:* allows you to improve contrast,
 - *Emboss:* allows you to modify a photo with an embossed grey tint,
 - *Negative:* allows you to change a photo into negative,
 - *Grey Scale:* allows you to change color into black and white,
 - *Add mark:* allows you to add special characters or drawings to your photo,
 - *Add Frame:* allows you to surround your photo with a frame,
 - *Contrast:* allows you to increase or decrease the contrast of your photo,
 - *Sharpen:* allows you to sharpen a photo,
 - *Blur:* allows you to add blur to a photo,
 - *Saturation:* allows you to increase or decrease the saturation of a photo,
 - *Shape:* allows you to shape a photo,
 - *Brightness:* allows you to increase or decrease the brightness of a photo,
 - *Solarize:* allows you to increase or decrease the solarize of a photo.
- **Rename:** allows you to modify the name of a photo,
- **PlanetSagem:** photos that have been taken can be saved onto a PC through a cable using the MPAS (My Pictures And Sounds) utility which can be downloaded from www.planetsagem.com.

Select one of the options with the keys and validate.

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Camera

Multimedia

This menu gives you easy access to your favourite photos, pictures and sounds.

My Pictures

This menu gives you access to your pictures.

On the **Multimedia** menu, please select the **My Pictures** menu and **[Select]**.

The pictures stored are displayed on the screen. Please, use the \vee \wedge keys to select one of them.

Once you have selected a picture, press **[Options]**.

Select one of the options in the list with the \vee \wedge keys and validate.

- **Send by MMS**: makes it possible to transmit a picture (NB: you may not send any copyrighted picture).
- **Editor** (see **Camera** chapter).
- **Use as**: allows you to use the picture as a wallpaper or screen saver.
- **Rename**: allows you to rename a picture.
- **Properties**: properties of the picture selected.
- **Delete**: allows you to delete a picture.
- **New photo**: allows you to take a new picture.
- The **Pictures Menu** allows you to delete all the pictures or to take a new photo.

You can import or export pictures to or from a computer using My Pictures And Sounds (MPAS), available from www.planetsagem.com.

My Sounds

This menu gives you access to your sounds.

To access your sounds, use the same procedure as for your pictures (see the **My Pictures** menu).

You can import or export sounds to or from a computer using My Pictures And Sounds (MPAS), available from www.planetsagem.com.

Memory

This menu indicates the memory size used by the different features of your phone.

On the **Multimedia** menu, please select the **Memory** menu and **[Select]**.

Use the \vee \wedge keys to select the different features using memory. You can see the memory capacity used by each individual feature.

WAP

WAP (Wireless Application Protocol): a protocol that translates the Internet language into WML and HTML languages 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 ringtones, icons, animated screensavers, Java™ applications to your phone.

The WAP Menu


The WAP navigator is under licence:



RSA Data Security

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.



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

It contains the following sub menus:

Welcome: 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 in order to make the access easy.

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

You can also send messages by SMS: select a bookmark, press **[Options]**, then select **Send by message**.

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

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

Save Objects: is used to save a WAP site items.

Snapshots: takes a snapshot of the currently displayed page.

History: backward and forward navigation of the pages displayed are kept in memory.

Reload: refreshes the current page.

Reset cache: clears the stored information on previous connections.

Advanced...: choose one of the following advanced settings

- Settings
- Show URL
- Disconnect
- Circuit Prompt (if user wants to confirm each logon)
- Security (is used to access information on making WAP connections secure).
- Delete Cookies
- View Title

About...: information on the browser.
Exit: returns to the phone's home page.

Configuring WAP parameters

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

Profiles 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 star.

The **Menu** is used to add a new profile or to display the memory size available.

Configuration of GSM and GPRS parameters:

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

On a profile in the list, press **[Options]**, select **Modify**. The different parameters are: Provider title, Home page, Preferred connections (see next page), GSM parameters and GPRS parameters (see next page).

Preferred connections:

GSM if not GPRS (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.

GSM parameters:

- Login
- Password
- IP address of WAP gateway
- Port type (secure or insecure)
- Dial-up number
- Mode (digital, analog or automatic)

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

GPRS parameters:

- Login
- Password
- IP address of WAP gateway
- Port type (secure or insecure)
- APN: if no APN has been defined, press **[Options]** then the APN menu. Select or add an APN.


WAP

Once all the settings have been entered, you can activate the chosen access provider. Select him from the list. Validate your choice.

Linger timer 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  key.

If you are logging onto the GSM or GPRS 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 ringtones, icons, animated screensavers, games or JAVA™ applications. 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 messages).

WAP Logging off

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

GPRS

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 35 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.

Games



The games being designed by Java™, many compatible games can be downloaded in your phone.



gameloft

The **More games** function allows you to download games connecting on remote server.

Depending on the operator, the connection URL may not be present. To add a new URL, go to **Settings/Connection/Menu/Add....**

Delete all menu: deletes all the games you have downloaded.

What is Java™?

Java™ is a new technology enabling use of powerful applications in the mobile phone area. Business applications and games are easily downloadable by the end-user on a Java™ featured handset.

Your mobile phone is a MIDP 2.0 compliant Java™ platform which implements WMA (SMS support) and MMAPI (Multimedia support) options, providing an exciting environment to run highly graphical, networked and intuitive MIDP applications.

Such applications may be, for example, a wide range of games and appealing applications like action and logic games, agenda, e-Mail reader, Web browser... For more information on Java™, see chapter **Java™**.

Organizer

This menu gives you access to your diary and get to a day, week, month or specific date. It lets you add events, access the global actions for all the events and manage them by event category.

Calendar menu

This menu lets you add events, manage events by category, see the available memory and delete all the events.

From the **Organizer** menu, select the **Calendar menu**.

- **Add Written/Vocal Event:** allows you to add events of the text or voice type. Fill in the different items. Save the event.
- **Clean up:** allows you to schedule the deletion of events that took place more than one day, week or month ago.
- **Memory:** allows you to view the memory capacity used by the different functions of your diary.
- **Categories:** allows you to see the different event categories, assign a specific ring tone to each individual category, know the number of events in each category and see them.
- **Delete all:** allows you to delete all the events from your diary.

The other menus are:

- **See month:** allows you to access events on a month-by-month basis.
- **See week:** allows you to access events on a week-by-week basis.
- **See today:** allows you to access the events for the current day and the actions possible on any event (see, modify, delete and send).
- **See date:** allows you to access events at a specific date.

Sending a vCal

You can send a vCal from each diary event. Yet, this function is available only on certain models of phone.

You can send vCals to another phone using MMS depending on your phone and the recipient's phone.

On the See today list, please select an event and in the Todo event actions menu list, select Send.

Then you should in addition select your contact information (phone number or Email address) before confirming.

If you receive a call while you are sending a vCal, the call will have precedence.

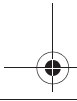


Receiving a vCal

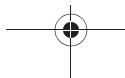
By MMS, you receive a message you have to open to extract the vCal. You cannot add the event to your diary until you have saved it.

You can assign a different beep to each diary event.

You can also assign a different ring tone to each diary event category.



Organizer



Applications

The Java™ function allows you to download applications and utilities in your phone.

Downloading is done through the WAP function.

Please go to the **Applications** menu to use the applications already installed or install others (**More Applications**).

Services

This item may not be present on your phone's menu, as it depends on your SIM.


Alarm

This menu allows you to set and activate the alarm.

On the **Applications** menu, please select the **Alarm** menu and [OK].

Activate or **Deactivate** the alarm and validate.

Set the wake-up time by entering the numbers directly or using the \vee \wedge keys and validate.

 *The alarm icon appears on the initial screen.*

The alarm works even when the phone is switched off.

Note: You can select the alarm ring tone in the **Settings/Sounds/Ring tone** menu.


Timer

This menu is used to set and activate the timer.

On the **Applications** menu, please select the **Timer** menu and [OK].

Activate or **Deactivate** the alarm and validate.

Set the duration (hours/minutes) by entering the numbers directly or using the \vee \wedge keys and validate.

 *The alarm icon appears on the initial screen.*

ToDo

ToDo menu

This menu allows you to add ToDo's, access category-based Todo management and delete all the ToDo's.

On the **Applications** menu, please select **ToDo** then the **ToDo menu** and press **[Options]**.

Select one of the actions in the list with the **✓** **^** keys and validate.

- **Add Written/Vocal ToDo**: allows you to add ToDo of the text or voice type. Fill in the different items. Save the ToDo.
- **Categories**: allows you to see the different ToDo categories, assign a specific ring tone to each individual ToDo, know the number of ToDo's in each category and see them.
- **Delete all**: allows you to delete all the ToDo's from your ToDo.
- **Memory**: allows you to view the memory used by the different functions of your ToDo.

ToDo actions menu

This menu allows you to do all the actions possible on any ToDo.

On the **Applications** menu, please select **ToDo**.

To display a ToDo, select it in the list and press the **OK** key.

To display the different options, press **[Options]**.

- **Modify ToDo**: allows you to modify the ToDo properties.
- **Delete**: allows you to delete the ToDo.
- **Send by MMS**: allows you to send the ToDo by MMS.

Sending a vCal

You can send a vCal from each Todo task. Yet, this function is available only on certain models of phone.

You can send vCals to another phone using MMS depending on your phone and the recipient's phone.

On the task list (ToDo main menu), please select **a task** and in the ToDo task actions menu list select **Send**.

Then select your contact information (phone number or Email address) before confirming.

If you receive a call while you are sending a vCal, the call will have precedence.

Receiving a vCal

By MMS, you receive a message you have to open to extract the vCal. You cannot add the event to your diary until you have saved it.

You can assign a different beep to each Todo task.

You can also assign a different ring tone to each Todo task category.

Exchange of data with a PC

Working from a PC, you can save/edit contacts, events and tasks stored in your phone.

To do this, you will need to connect your phone to the PC by means of a suitable data cable (USB).

Working from a PC, you can save/edit photos and ring tones not copyrighted stored in your phone.

To do this, you will need to connect your phone to the PC by means of a suitable data cable (USB).

Next, you will have to install the "My Pictures and Sounds" software (available from www.planetsagem.com site).

Remark: If a call comes in during an exchange of data with your PC, the link will be interrupted and will have to be manually re-started.

Calculator

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

On the **Applications** menu, please select the **Calculator** menu and [OK].

You can use the calculator thanks to the following keys:

^ Up key:	Add
✓ Down key:	Subtract
> Right key:	Multiply
< Left key:	Divide
⌂ Left key:	Equals or convert
⌫ Right key:	Delete
* ⇧ * key or #:	Decimal point.

If no calculations are being run, pressing [Convert] allows you to use the value in the converter directly.

Converter

This menu allows you to convert one currency to another.

On the **Applications** menu, please select the **Converter** menu and [OK].

Enter a value and press the \wedge key to convert from one currency to another, or the \vee key to convert back.

Pressing [Options] allows you to use the following options:

Go to Calculator

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

Rapid exchange

If the Rapid exchange is activated, the converter will work in the initial screen by entering the desired numbers and pressing the \vee \wedge keys to convert.

Exchange rate

Enter the exchange rate corresponding to the chosen currency.

Currency

Enter the two types of currency to be converted.

Applications

Settings

This menu allows you to set your phone.

Sounds

This menu allows you to customize 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.

On the **Sounds** menu, please select the **Ring tones** menu and **[Select]**.

Select the function on which you want to choose a ring tone.

Select the **ring tone** from the proposed list and validate.

Note: in the list, there are the phone default ring tones and also the ring tones downloaded in **Multimedia/My Sounds**.

Adjust the **volume** using the **∨** **∧** keys and validate.

*You can deactivate the sound by pressing the **# ∅** key.*

Vibrate

This menu allows you to activate the vibrate mode for calls.

On the **Sounds** menu, please select the **Vibrate** menu and **[Select]**.

Select the vibrate mode from the proposed choices and validate.


Silent mode

This menu allows you to switch to Silent mode.

On the **Sounds** menu, please select **Silent mode** and **[Select]**.

Activate or **deactivate** Silent mode and validate.

Silent mode can also be accessed via the initial screen by holding down the **# ∅** key.

 *When the phone is in silent mode, the relevant icon appears on the initial screen.*

In this mode, the ring tone will not function, except for the alarm clock.

Note: if you have activated the silent mode, it does not remain after switching off your phone.

Beeps

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

On the **Sounds** menu, please select the **Beeps** menu and [Select].

Select the type of beep you want to allocate from the proposed choices and validate. Activate or deactivate the beep and validate.

If you select key beeps, different options are given.

Recorder

These menu allows you to record you own melody.

On the **Sounds** menu, please select the **Recorder** menu and [Select].

Pressing [Start] record your melody or your voice by means of the microphone then save it.

Give it a name and validate. The new tone is saved in the list of ringtones and in **Multimedia/My Sounds**.

If you select the recorder by means of a programmable key, the sound is saved in the **Applications/ToDo** menu.

Display

This menu allows you to customize your screen by choosing a different presentation.

Skins

This menu allows you to choose the skin of your phone, i.e. define its look (text font, colors, default animation, background image...).

On the **Display** menu, please select **Skins**.

Select the desired skin and validate.

Skins are not downloadable but you can download screensavers and boot mode animations without changing those included by default with the skin.

Wallpaper

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

On the **Display** menu, please select the **Wallpaper** menu and [Select].

Select the wallpaper and [View]. The picture appears in the background of the screen.

Press [OK] to validate this choice, or [Back] to go back to choice.

Note: the **Random** option allows you to display a wallpaper scrolling different pictures in a random way.

Settings

Screensaver

This menu allows you to display an animation when the phone is in standby mode.

On the **Display** menu, please select the **Screensaver** menu and [Select].

Select one of the screensavers given and [View].

Note: there are the phone default screensavers and also the pictures downloaded in **Multimedia/My Pictures**.
The chosen screensaver appears on the screen, validate it.

Operator logo

This menu allows you to display your operator's logo on the initial screen.

On the **Display** menu, please select the **Operator logo** menu and [Select].

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

Contrast

This menu is used to adjust screen contrast.

On the **Display** menu, please select the **Contrast** menu and [Select].

Adjust the contrast usings the \wedge or \vee keys.

Energy saving


This function is used to deactivate the screen and the keypad backlight and consequently increase the battery life of your phone.

On the **Display** menu, please select the **Energy saving** menu and [Select].

Two options are available to choose from for the backlight:

- **Screen only:** only the screen is lit up.
- **Full backlight:** both the screen and the keypad are lit up.


Note: in any case, after a certain time of inactivity, the backlight will be automatically turned off to save battery life.

After a longer period of inactivity, the screen will enter an economy mode where the time is displayed. To quit this sleep mode and resume backlight, press the  key.

Camera

This menu allows you to set the camera features of your phone.

On the **Settings** menu, please select the **Camera** menu and [Select].

Timer: this menu enables you to take a photo with a 5, 10 or 15 second time delay. During preview of the photo, activate the delayed exposure by pressing on the button . (NB: if you want to take the photo immediately, then press on the Photo button).

Click sound: This menu allows you to select the sound you will hear when taking a photo.

Photo format: This menu allows you to choose the format in which your photo will be saved. There are several options:

- either you systematically set the photo format to one of the following:
 - High res. or Mobile format.**
- or you can choose the photo format on a case-by-case basis (On request).

Languages

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

On the **Settings** menu, please select the **Languages** menu and [Select].

Select your language and validate.

If you select **Automatic**, the language used will be the one relative to your SIM card.

Calls

*The **Calls** menu allows you to manage all the calls functions (call forward, displaying numbers, call waiting, voicemail number, etc.).*

Call forward

Depending on your subscription, this service allows you to forward incoming calls to a different number or to the voice mailbox.

On the **Calls** menu, please select the **Call forward** 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.


On the **Calls** menu, please select the **View last calls** menu and [Select].


For every phone call are displayed on the screen:

- its characteristics (shown with an icon),
- the time (or date),
- its duration.

Select a call from the list and validate.

Select one of the options given: Call, Store in your phonebook, Send a message, Delete, Delete all.

You can also make the call by pressing the  key.

Fast access to the list of calls from the initial screen: press the  key.

Counters

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

It can also be used to check the volume of data exchanged in GPRS.

On the **Calls** menu, please select the **Counters** menu and [Select].

Select one of the options given.

Display number

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

On the **Calls** menu, please select the **Display number.** menu and [Select].

Select one of the options given: Anonymous mode, My number, Callers' number or On sub-LCD.

Anonymous mode

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

Preset: network default mode.

No: you choose not to activate anonymous mode and then to display your number.

Yes: you choose to active anonymous mode and then not to display your number.

Call waiting

(Operator-dependent service)

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

On the **Calls** menu, please 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 caller you have not managed to reach.

On the **Calls** menu, please select the **Auto redial** menu and **[Select]**.

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

If you choose **On request**, your phone will offer to redial your caller automatically if his 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).

On the **Calls** menu, please 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.

Voicemail

This function is used to record your answer phone number.

This number will be used during a call to the voice mailbox using the programmable keys.

On the **Calls** menu, please select the **Voicemail** menu and **[Select]**.

Enter your answer phone number and validate.

ALS

The ALS (Alternate Line Service) function allows you, depending on your subscription, to have two phone lines.

The number of the line selected (1 or 2) for the calls appears on the initial screen.

Settings

Security

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

PIN number

This menu allows you to activate and modify your phone's PIN.

On the **Security** menu, please select the **PIN number** menu and **[Select]**.

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

Enter old PIN and validate.

Enter new PIN twice and validate.

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

Enter PIN and validate.

Select **Activate** or **Deactivate** and validate.

See page 73 to unblock the SIM card in case of wrong PIN number typed three times in succession.

PIN2 number

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

** These functions may or may not be available depending on your SIM card.*

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

Phone code

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, for example to protect the phone if stolen.

To activate or deactivate the phone code, select the **Phone code** menu and validate.

Enter 0000 (the factory code, by default) and validate.

Select **Activate** or **Deactivate** and validate.

To modify the phone code, select **Modify** and validate.

Enter old phone code and validate.

Enter new phone code and validate.

Enter phone code again to confirm it and validate.

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.

This menu allows the activation of automatic deletion, after power off/on, for messages and/or calls stored in the phone.

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

Choose **Organizer**, **Calls** or **Messages**.

Select **Activate** or **Deactivate** and validate.

Operator

This menu allows you to modify the call barring.

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

Access to this service depends on your type of subscription.

Call barring

Call barring can be applied to ALL calls (incoming and outgoing), to all incoming calls when you are away from your home country (if roaming available).

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.

On the **Security** menu, please select the **Call barring** menu and [Select].

Select **Activate** or **Deactivate** and validate.

Access to this service depends on your subscription type.

Fixed dialling

This menu allows you to restrict the outgoing calls.

The availability of this menu depends on your SIM.

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

Enter PIN2 number and validate.

Select **Activate** or **Deactivate** and validate.

Proceed as for any other phonebook.

When activating this function, only the numbers stored in the phonebook can be called.

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

Settings

Cost

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

On the **Security** menu, please select the **Cost** menu and validate.

The **Cost** menu (*) lets you check the cost of the last call you made and of all the calls you made since you last deleted them.

The **Delete costs** menu (*) lets you delete the cost of your last call and reset the cost counter after entering your PIN 2 code.

(*) WARNING

*Depending on how the networks and associated subscription cards are configured, some functions may be unavailable (these are marked out with *).*

Networks

This menu allows you to configure network preferences.

On the **Settings** menu, please 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 you 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).

Leds

This menu allows you to select or not the color of the LED located on the flip. The color may be selected for different functions.

From the **Settings** menu, please select the **Leds** menu and [Select].

From the list, select the function where you want to change the color.

Select the color and [OK].

Shortcuts

This menu allows you to allocate functions to the programmable keys.

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

On the **Settings** menu, please select the **Shortcuts** menu and [Select].

Select the key that you wish to modify and validate.

Choose the function that you want to allocate to this key and validate.

Date / Time

Set Date/Time

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

On the **Date / Time** menu, please select **Set Date/Time** and **[Select]**.

Date: set the date by entering it directly in digital form or by using the \vee \wedge keys.

Use the $\>$ (or $\<$) key to access the next (or previous) entry field.

Once the date is correct, validate it.

Time: same procedure as for setting the date.

Automatic update

This menu allows you to choose manual or automatic updating of date and time (after switch off of your phone or when going abroad for instance) (service depending on the operator).

From the **Date / Time** menu, please select **Automatic upd.** and **[Select]**.

Please select Automatic, Manual or On demand and press **OK**.

Display

This menu allows you to select the date and time display type for each of the two screens.

On the **Date / Time** menu, please select **Display** and **[Select]**.

Select the screen on which you want to change the display type.

In the list that appears, select the desired display type between:

- Analog,
- Digital,
- None,

by using the \vee \wedge keys and validate.

Time zone

This menu allows you to change time in relation to the GMT time.

On the **Date / Time** menu, please select **Time zone** and **[Select]**.

Choose the time of the country desired by calculating the time from the GMT time.

Settings

Summer time

This menu allows you to set your phone to the summer/winter time.

On the **Date / Time** menu, please select **Daylight savings** and [Select]. Select 1 h, 2 h **Summer time** or **Winter time** depending on the season, and validate.

Active flip

From the **Settings** menu, please select **Active flip** and press [Select].

If you select **Activate**, calls are answered by opening the flip.

Note: closing the flip always hangs up, whatever the selection made in this menu (**Activate** or **Deactivate**).

Connectivity

Serial Speed

On the **Connectivity** menu, please select the **Serial Speed** parameters menu and validate.

The **Speed** menu enables you to select the speed to be used for data exchanges via your phone's serial port. Except for specific requirements, it is advisable to stick to the default setting: **Automatic**.

Car kit

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

On the **Connectivity** menu, please select the **Car kit** menu and [Select].

Choose one of the options given: Automatic response, Switch off, Kit volume.

WAP settings

This menu allows you to set various parameters needed for WAP connection.

On the **Settings** menu, please select **WAP settings** and [Select].

You can add or modify URL addresses.

Help

On the **Settings** menu, please select **Help** and [Select].

This menu allows you to activate or deactivate the display of the help in the phone.



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.

Services

*This menu allows you to access your operator's basic services.
On the **Services** menu, please choose from the list offered.
This list depends on your SIM.*



Services

55



CE Conformance Document

Déclaration CE de Conformité

Fabricant
Manufacturer SAGEM SA

Adresse
Address Le Ponant de Paris
27 rue Leblanc F-75512 Paris cedex 15 FRANCE

Declares under our sole responsibility that our product

Nom du produit
Product Name GSM/DCS DC2005 (myC4-2)

est conforme aux exigences des directives européennes suivantes :
conforms to the requirements of the following EEC directives:
EEC Directive 1999/5/CE

Sécurité (Safety) EN 60950

CEM (EMC) EN 301 489-1
EN 301 489-7

Basse tension
(Low voltage directive) 73/23/CEE

Réseau (Network) Exigences GT01 V 4.7.0
(Requirements GT01 V 4.7.0)
TBR 19 Edition 5
TBR 20 Edition 3
TBR 31 Edition 2
TBR 32 Edition 2
GCF-CC V3.17.0
EN 301 511 V7.0.1

Santé (Health) EN 50361, EN 50360

Place and date of issue Guy St Christophe - April 5th, 2005

Signature

Technical features

Weight: 85 g
Size: 77 x 41 x 22 mm
Original battery: Lithium ion 650 mAh
Battery life calls/standby: up to 3 h/240 h (see page 16 how to increase the efficiency of your myC4-2)
Multimedia objects supported:
Audio formats: iMelody, Midi, wave, amr
Graphic formats: wbmp, bmp, png, gif, animated gif, jpeg
Size of memory available for messages:
100 SMS
300 kB for MMS (inbox, outbox and drafts together; MMS depending on option)
Size of memory available for the phonenook and the multimedia objects: 380 kB
Maximum size of each message:
SMS < 160 characters
MMS < 100 kB for outgoing, 100 kB for incoming messages (depends on the phone configuration and on the operator reservations)
Using temperature: from - 10°C to + 55°C

Care and safety information

SAR

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.8 W/kg (*). As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide (**).

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>)

Advice for limiting exposure to radiofrequency (RF) fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using "hands-free" devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page <http://www.who.int/peh-emf> WHO Fact sheet 193: June 2000.

(*) The tests are carried out in accordance with international guidelines for testing.

(**) Please see the Safety section about body worn operation.

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 $+55^{\circ}\text{C}$.

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.

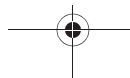


Road safety

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.

Body worn operation

For body worn operation, this phone has been tested and meets 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 RF exposure guidelines.



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.

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.

These provisions are valid unless a special written agreement has been made with the customer. If one of the provisions turns out to infringe a legally essential rule that consumers could have the benefit of under the national legislation, this provision will not be applied, but all other provisions will remain valid.

End User Licence Agreement (EULA), for the software

CONTEXT AND ACCEPTATION OF THE AGREEMENT

You have acquired a Mobile Phone device ("DEVICE"), manufactured by SAGEM SA (SAGEM), that includes software either developed by SAGEM itself or licensed third party Software suppliers ("SOFTWARE COMPANIES") to SAGEM with the rights to sub-license it to the purchaser of the device. Those installed software products whatever their company of origin, and wherever the name of the company of origin is indicated or not in the DEVICE documentation, as well as associated media, printed materials, and "online" or electronic documentation ("SOFTWARE") are protected by international intellectual property laws and treaties. The SOFTWARE is licensed, not sold. All rights reserved.

IF YOU DO NOT AGREE TO THIS END USER LICENSE AGREEMENT ("EULA"), DO NOT USE THE DEVICE OR COPY THE SOFTWARE. INSTEAD, PROMPTLY CONTACT SAGEM FOR INSTRUCTIONS ON RETURN OF THE UNUSED DEVICE(S) FOR A REFUND. **ANY USE OF THE SOFTWARE, INCLUDING BUT NOT LIMITED TO USE ON THE DEVICE, WILL CONSTITUTE YOUR AGREEMENT TO THIS EULA (OR RATIFICATION OF ANY PREVIOUS CONSENT).**

SOFTWARE includes software already installed on the DEVICE ("DEVICE Software") and Software contained on the CD-ROM disk ("Companion CD"), if any is supplied with the product.

GRANT OF SOFTWARE LICENCE

This EULA grants you the following licence:

DEVICE Software. You may use the DEVICE Software as installed on the DEVICE. All or certain portions of the DEVICE Software may be inoperable if you do not have and maintain a service account with an appropriate Mobile Operator, or if the Mobile Operator's network facilities are not operating or configured to operate with the DEVICE software.

COMPANION CD. If any is supplied, additional software for your personal computer is included with your DEVICE. You may install and use the software component(s) contained in the Companion CD only in accordance with the terms of the printed or online end user license agreement(s) provided with such component(s). In the absence of an end user license agreement for particular component(s) of the Companion CD, you may install and use only one (1) copy of such component(s) on the DEVICE or a single computer with which you use the DEVICE.

Security Updates. The SOFTWARE may include digital rights management technology. If SOFTWARE does contain digital rights management technology, content providers are using the digital rights management technology ("DRM") contained in the SOFTWARE to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyright, in such content is not misappropriated. Owners of such Secure Content ("Secure Content Owners") may, from time to time, request manufacturers or SOFTWARE SUPPLIERS to provide security related updates to the DRM components of the SOFTWARE ("Security Updates") that may affect your ability to copy, display and/or play Secure Content through the SOFTWARE or third party applications that utilise the DRM.

You therefore agree that, if you elect to download a licence from the Internet which enables your use of Secure Content, Suppliers may, in conjunction with such licence, also download onto your DEVICE such Security Updates that a Secure Content Owner has requested that SOFTWARE SUPPLIERS distribute. SAGEM and SOFTWARE SUPPLIERS will not retrieve any personally identifiable information, or any other information, from your DEVICE by downloading such Security Updates.

DESCRIPTION OF OTHER RIGHTS AND LIMITATIONS

COPYRIGHT. All title and intellectual property rights in and to the SOFTWARE (including but not limited to any images, photographs, animations, video, audio, music, text and "applets," incorporated into the SOFTWARE), the accompanying printed materials, and any copies of the SOFTWARE, are owned by SAGEM or the SOFTWARE SUPPLIERS. You may not copy the printed materials accompanying the SOFTWARE. All title and intellectual property rights in and to the content which may be accessed through use of the SOFTWARE is the property of the respective content owner and may be protected by applicable copyright or other intellectual property laws and treaties. This EULA grants you no rights to use such content. All rights not specifically granted under this EULA are reserved by SAGEM and the SOFTWARE SUPPLIERS.

Limitations on Reverse Engineering, Decompilation and Disassembly. You may not reverse engineer, decompile, or disassemble the SOFTWARE, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation.

Single DEVICE. The DEVICE Software is licensed with the DEVICE as a single integrated product. The DEVICE Software installed in the memory of the DEVICE may only be used as part of the DEVICE.

Single EULA. The package for the DEVICE may contain multiple versions of this EULA, such as multiple translations and/or multiple media versions (e.g., in the user documentation and in the software). Even if you receive multiple versions of the EULA, you are licensed to use only one (1) copy of the DEVICE Software.

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Java™

You are the owner of a SAGEM mobile phone which gives you the ability to download applications and games to be executed on your phone thanks to the built-in Java™ engine. However, receiving applications from everywhere implies some basic knowledge of the possible effects of such download.

Thank you for spending a few minutes reading these pages: this will prevent you from performing action without measuring the consequences.

WARNING: When running a Java™ application, you may be prompted to grant access to protected features. These features are protected because using them could incur you cost, or involve your personal data. Read the security popup message carefully, to understand what feature is requested, and decide whether it is legitimate for the application to perform it. In case of doubt, don't hesitate to refuse access by selecting the "No" button!
The security configuration menu is an expert feature! You must know exactly what you are doing before attempting to change security parameters of a MIDlet. Misunderstanding changes may render MIDlet non functional and/or lead to higher risks for your private data or impact your airtime consumption. Any changes in the security configuration are done under your responsibility. In no case shall SAGEM SA and/or your network provider be liable for any damages deriving from or arising out of such changes in the security configuration. You must be aware that applications downloaded to your phone could cause the phone to perform actions for which you will be billed, like making calls and sending SMS. Depending on your operator's billing policy, you may also be charged to download the application because of airtime consumption.

Security considerations

Java™ MIDP technology is an efficient way to provide powerful applications in mobile phones. It allows use, by "over the air" downloaded applications or games, of the great features built-in in a mobile phone (SMS sending and receiving, multimedia playback and recording, network access...).

All these MIDP 2.0 features cannot be simply exposed to any MIDlet installed in the handset: a careful access control system is implemented in the device to protect your private data and airtime consumption.

Access controls are gathered in 9 security groups:

- Network access (GPRS/GSM data airtime consumption, HTTP/web connections...)
- Auto invocation (MIDlet can wake up at a given time or when receiving a SMS)
- Phone call (ability to initiate a phone call)
- Local connectivity (IrDA or serial interfaces use by the MIDlet)

- Messaging receive (SMS, SMS-CB interception by a MIDlet)
- Messaging sending (SMS sending by a MIDlet)
- Read User data (Subscriber identity, Phonebook, Agenda read access from a MIDlet)
- Write User data (New phonebook or agenda entry)
- Multimedia recording (ability to control camera or microphone from a MIDlet)

According to the security status of an installed MIDlet (see below), each of these security groups has one among 5 possible authorizations levels (listed from the more restrictive to the more permissive):

- Never
The security group completely prevents access to the protected features.
- Per use
Each time MIDlet tries to use protected feature, user is prompted to grant access.
- Per session
First time a MIDlet uses a protected function, user is prompted to grant access like in "Per use" authorization but access is granted until the MIDlet terminates.
- Single confirmation
The first time in the whole MIDlet life a MIDlet uses a protected feature, user is prompted to grant access. It remains valid until the MIDlet is removed from the handset.
- Always
The security group unconditionally grants access to protected features.

A MIDlet has a security status which is either "uncertified", or else "certified".

An "uncertified" status means that the source of the MIDlet could not be verified by the mobile phone at installation time. As far as the phone knows, the MIDlet could have been written by anyone.

A "certified" status means that the MIDlet was digitally signed by a known party, whose name is displayed by the mobile phone. This means that the mobile phone successfully authenticated the named party as the source of the MIDlet.

Security permissions are different for "uncertified" or "certified" MIDlets, and may be different for different sorts of named parties. Usually "uncertified" security permissions are more restrictive than "certified" ones.

Security configuration menu

When a MIDlet is installed in the mobile phone, default security authorizations are applied.

This default security configuration may be altered through the "Settings/Security" menu of an installed MIDlet.

Once in the "Security" menu, the security status of the MIDlet is displayed (see "Security considerations" paragraph above).

If you do not want to enter the security menu, simply select "Back" button.

You can proceed by selecting "Ok" button.

The menu displayed allows you to increase or decrease permissions currently applied to the current MIDlet for each of the security groups.

When you set a more permissive authorization to a security group than the current value, mobile phone asks you to confirm your increased risk exposure.

The maximum risk exposure increase is limited by the security status. Depending of the manufacturing configuration, it means, for example, that "Net Access" security group authorization cannot be set to a permissive value higher than "Session" for an "uncertified" MIDlet ("Single confirmation" and "Always" are unavailable in the security configuration menu) but an operator "certified" MIDlet may have all permission values available without any limitations.



What is Java™?

Java™ is a new technology enabling use of powerful applications in the mobile phone area. Business applications and games are easily downloadable by the end-user on a Java™ featured handset. Your mobile phone is a MIDP 2.0 compliant Java™ platform which implements WMA (SMS support) and MMAPI (Multimedia support) options, providing an exciting environment to run highly graphical, networked and intuitive MIDP applications. Such applications may be, for example, a wide range of games and appealing applications like action and logic games, agenda, e-Mail reader, Web browser...

What is a MIDlet?

A Java™ application or a game designed to run in a mobile phone is named a MIDlet (MIDP applet). A MIDlet is usually made of 2 files:

- The JAD file
- The JAR file

JAD file stands for Java™ Application Descriptor. It is a small file describing the content of a JAR file (version, vendor name, size...) and displayed by the mobile phone. **JAD file size is usually less than**

2 kilo-bytes large.

JAR file stands for Java™ Archive. It refers to the application data themselves (program, images, sound). **A JAR file may be up to 200 kilo-bytes large.**

NOTE: In rare circumstances, MIDlet vendors may provide no JAD file and the MIDlet is the JAR file alone. In such a case it is your only responsibility to evaluate the risk to download the JAR file without possibility of consulting the JAD file.

Downloading a MIDlet (Java™ game or application)

MIDlets are easily downloaded in the mobile phone through the Games or Applications menus or through the WAP browser.

In almost all cases, you will first receive a JAD file which will be displayed on the screen.

Much care must be given in examining the content of the file as explained further.

When you select a JAD file, your mobile phone downloads it, displays data contained and prompts you to acknowledge the JAR file download.

The popup displays information below:

- Name of the MIDlet
- Version
- Size (JAR file size)
- Vendor name
- Security status (**IMPORTANT:** see "Security considerations" paragraph below)
- JAR file URL.

If you do not want to download the main data (JAR file), you shall refuse to acknowledge further airtime consumption by selecting "Cancel" (JAR file is not downloaded).

If you agree on the MIDlet installation, just select "Ok". The MIDlet is installed with security levels set to default values associated with its security status.

Before downloading an application, such a message may appear: "Your handset cannot identify the application, please be sure of the source of the application before installing the application".

You shall read carefully the next two paragraphs to fully understand Java™ MIDP security concerns.

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Java™

Troubleshooting

PROBLEM - SITUATION

It is impossible to switch the phone on

ACTIONS

Remove and replace the battery.

If you still cannot switch the phone on, charge the battery:

- Put the phone on charge for at least 20 minutes before switching it on again (the phone may remain switched off during these 20 minutes).
- Check the screen lights on and the battery icon is scrolling up and down.
- If so, the phone is charging.
- If not, please take the charger out and put it back on again. Please check that the charging icon is scrolling up and down.
- If you still cannot switch the phone on, please disconnect the charger, put it back on again and please repeat that manipulation several times.
- If the charging icon is still not scrolling up and down, please contact your after-sales services.
- When the charging icon has stopped scrolling up and down, the battery is charged.

Battery status unknown

The phone does not recognize the battery. Please check the position of the battery.

LOW BATTERY

This message is displayed when the battery becomes too weak. The phone switches itself off automatically. Put the phone on charge.

SIM not present

Check if the SIM card is present and properly positioned / inserted.

Check the condition of the SIM card. If damaged, please go back to the operator's shop for advice. Contact your after-sales service if the message persists.

Incorrect PIN code

An incorrect PIN code has been entered. Be careful! Three incorrect PIN codes will block the SIM Card.

PROBLEM - SITUATION

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 validate.
- Enter your PIN number and validate.
- Enter your PIN number again and validate.

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.

SIM LOCKED

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 it 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 after-sales service.

No call connection

Check that the number you have dialled is correct.
If the letter R is displayed on the top right corner of the screen, without any network name displayed, only emergency services can be called.
Check the status of your credit.
Check that the SIM Card you are using offers the service you are requesting ; check if its validity has not expired.
Check and deactivate the outgoing calls restriction when necessary.
The network could be saturated. Try later.
If the problem persists, please contact your Technical Helpdesk.

No receiving calls

Try to make a call in order to check that the phone and the networks are operational.
Check and deactivate the permanent call forwarding (permanent call forwarding icon displayed on the screen).
Check and deactivate the incoming calls restriction when necessary.
If the problem persists, please contact your Technical Helpdesk.

ACTIONS

Troubleshooting

PROBLEM - SITUATION

Quality reception when calling

Impossible to send message

No answer phonebox

If answer phone icon flashing

In WAP context:
SERVER NOT ANSWERING message

Login to home page impossible

Operator name does not appear on screen

How do I switch to silent mode?

How do I activate zoom?

How do I delete the envelop that appears on the screen?

How do I delete the answer phone that appears on the screen?

ACTIONS

Avoid placing your fingers on the top of the phone, where the aerial is integrated: the phone will have to use full strength to establish a quality transmission.

Check that the message centre number is correctly entered.
To do so, please select the menu **Messages**, select **Options**, select **Msg centre n°** and check the number entered. Please contact your network provider to get this number.

Check that the SIM card does offer this service.
Program the call to be forwarded to answer phone using the information provided by the operator.
Check that the SIM card used offers this service. Try to make a call to check that phone and network are operational.
Check if the answer phone number is properly configured. To do so, go to the **Calls** menu, select **Voice mail** and check the number. Otherwise, enter your operator's answer phone centre number.

Call the answer phone and listen to the new messages to make it disappear.
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 validate.
If the Operator logo is present (depending on model), activate the display (**Settings/Display/Operator logo**).

Hold the **#** key down unless ring tone sounds, when a short touch is enough.

Can be activated only in SMS, MMS and WAP screens; hold down the **#** key.

If you have received a voice mail, please call your voice mailbox and follow the instructions given.

This answer phone means that you have received a voice mail: please call your voice mailbox and listen to it. Please follow the instructions given.

PROBLEM - SITUATION

ACTIONS

How do I remove the written message at the bottom of the home page (1 call) Press the  key to go back to the initial page without messages.

How do I download ring tones? Logon to one of the following site via your computer: www.planetsagem.com. These site offer 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: validate the option « Save messages », the tune will then be added to your list. In addition, you can logon to some sites by phone.

How do I free up memory to download my objects (sounds, images) Go into the **Multimedia** menu, select **My Pictures** or **My Sounds** then delete some objects.

How do I free up memory to receive new messages? Manage your Outbox carefully. It is recommended not saving them automatically: too many messages saved will quickly fill up the available memory and no further messages will be received. To delete them, please go into the **Messages** menu, select **Outbox** then delete some messages. Manage your **Inbox** carefully also.

How do I free up memory to store new contacts in my Phonebook? It is highly recommended to manage your Phonebook carefully. If you have received pictures enclosed to a Vcard, please save or delete them.

How can I increase the efficiency of my phone? The most efficient actions are as follows:
Please keep your phone safely in order to avoid pressing the keys unnecessarily: every time a key is pressed the screen lights up.
You can deactivate the screensaver (the screensaver uses processing power).

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Portugal	21 316 41 35
Sweden	08 519 923 21
Denmark	0 82 33 28 52
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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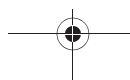
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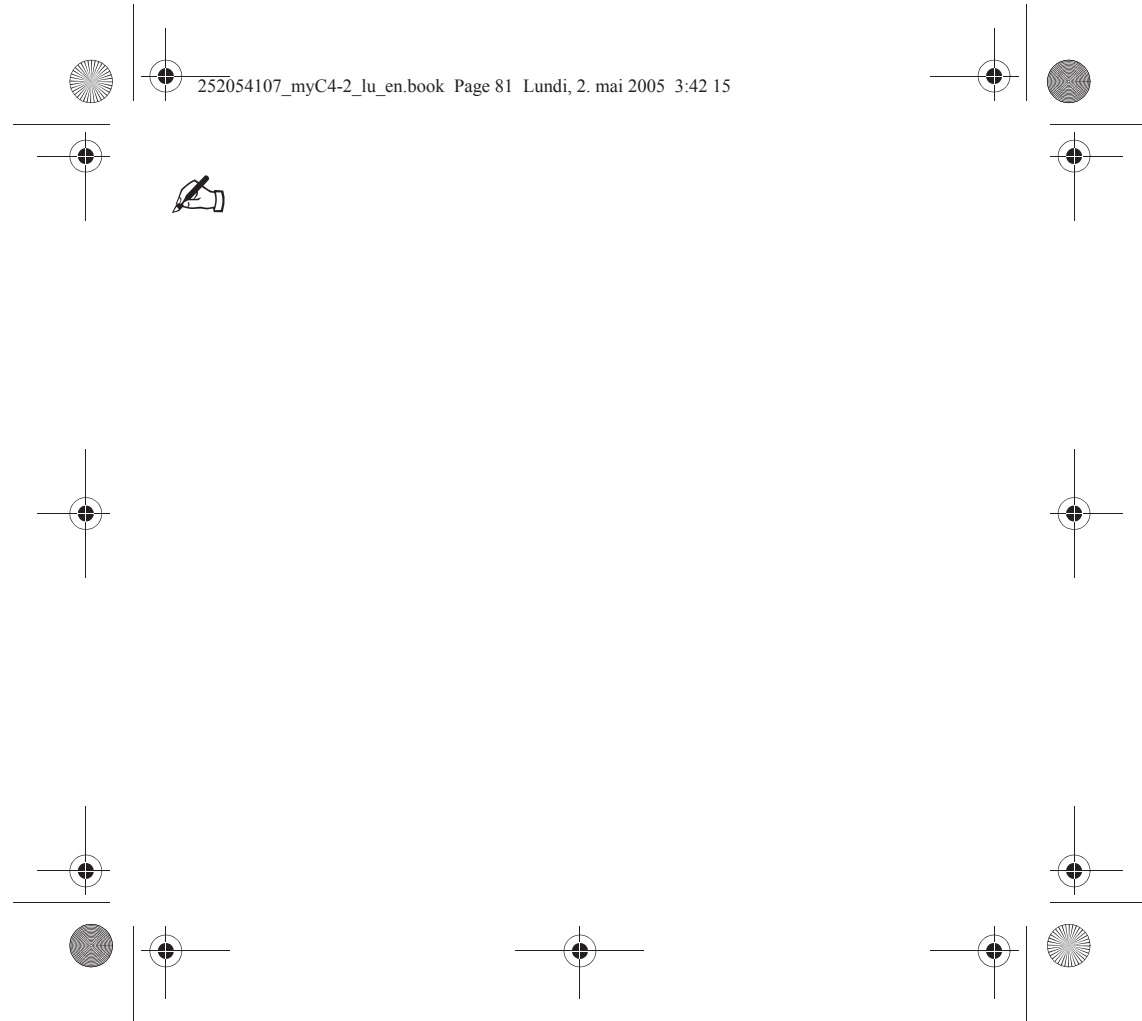
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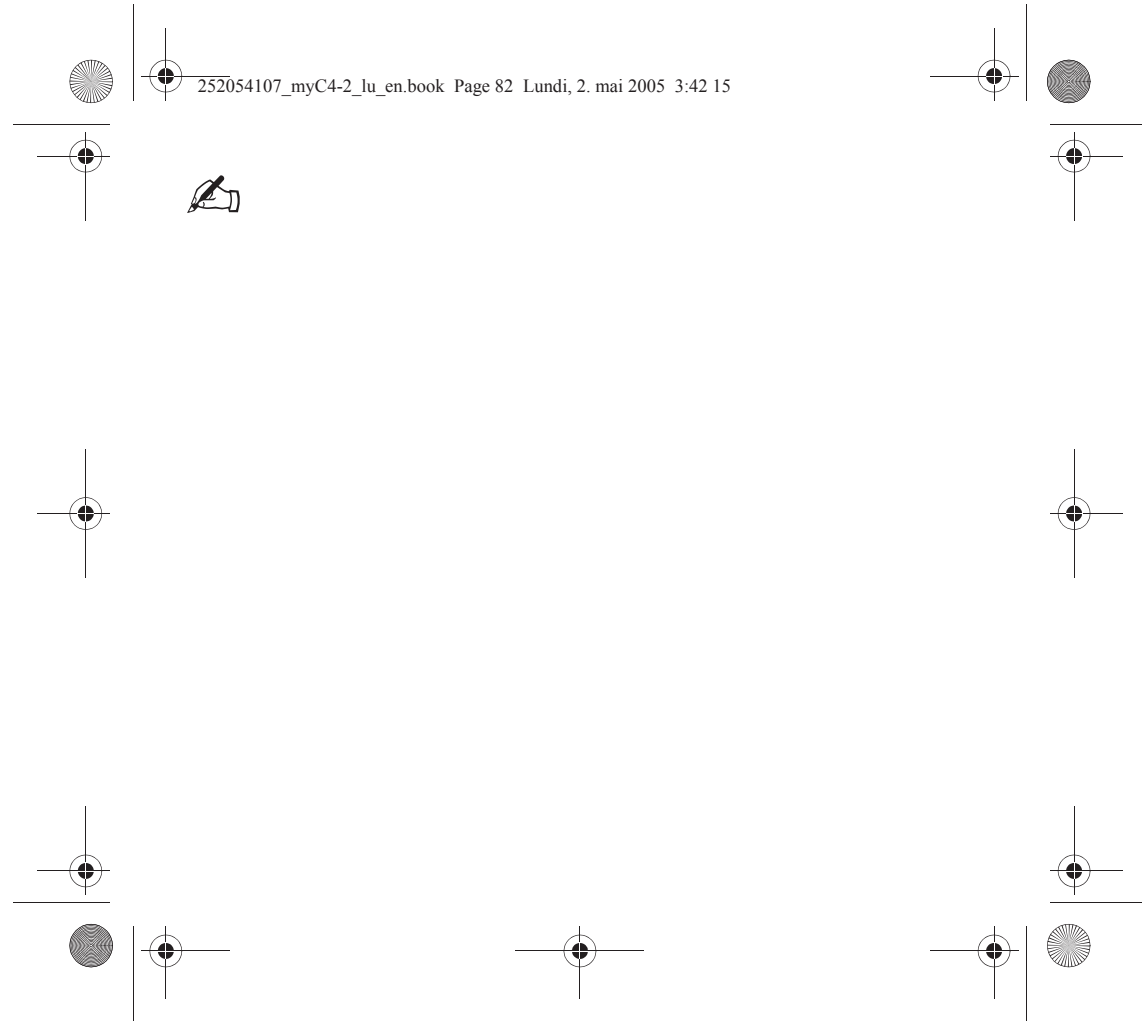
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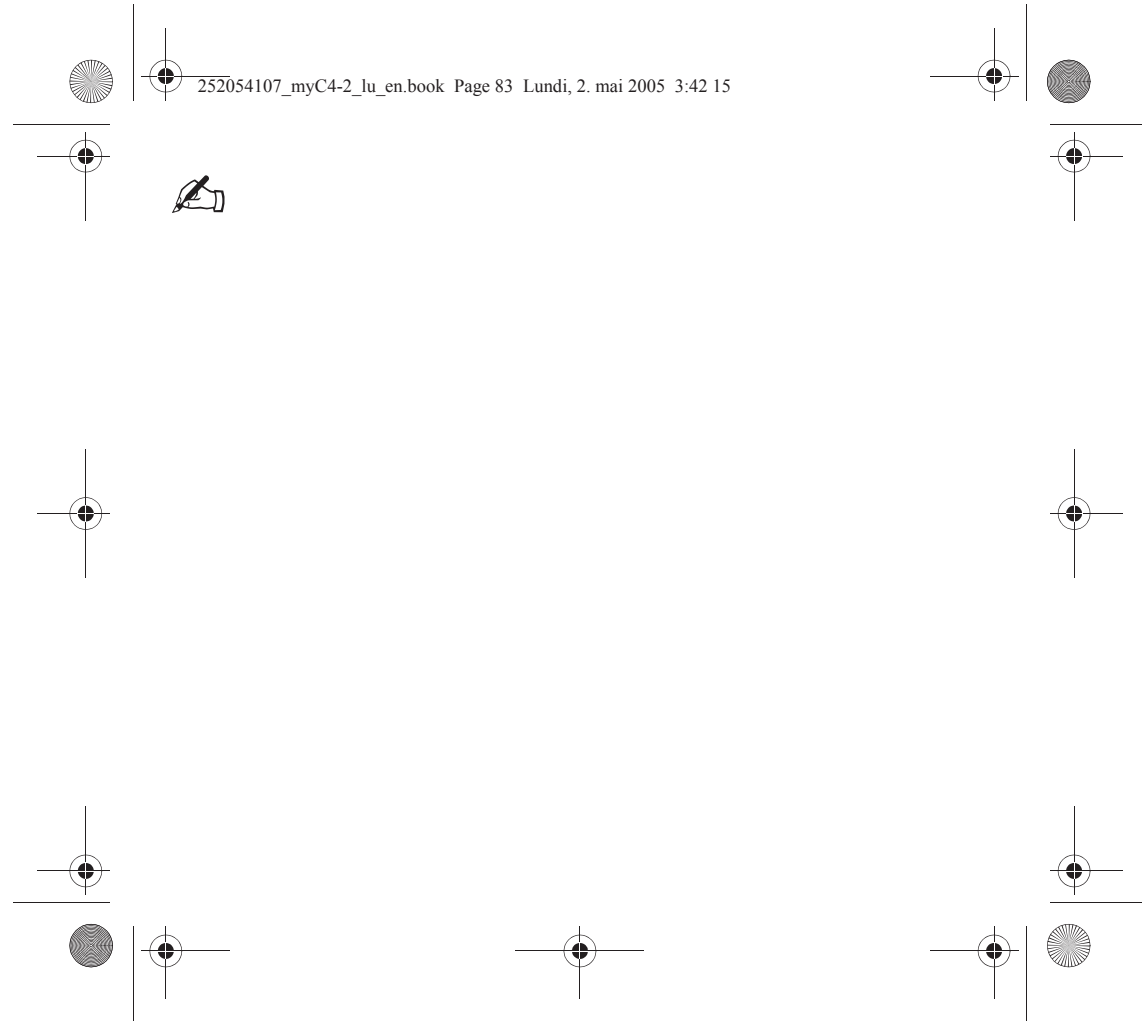


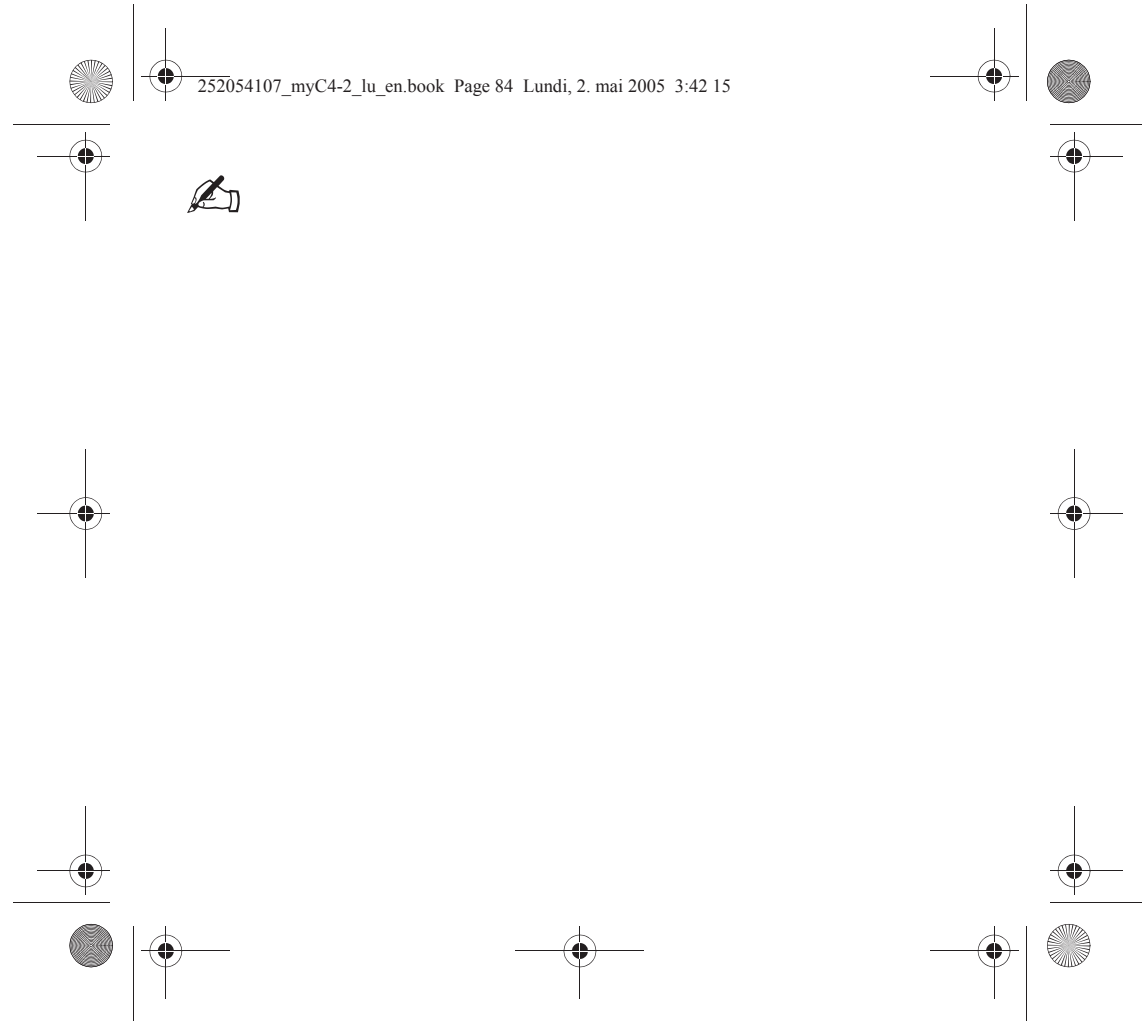
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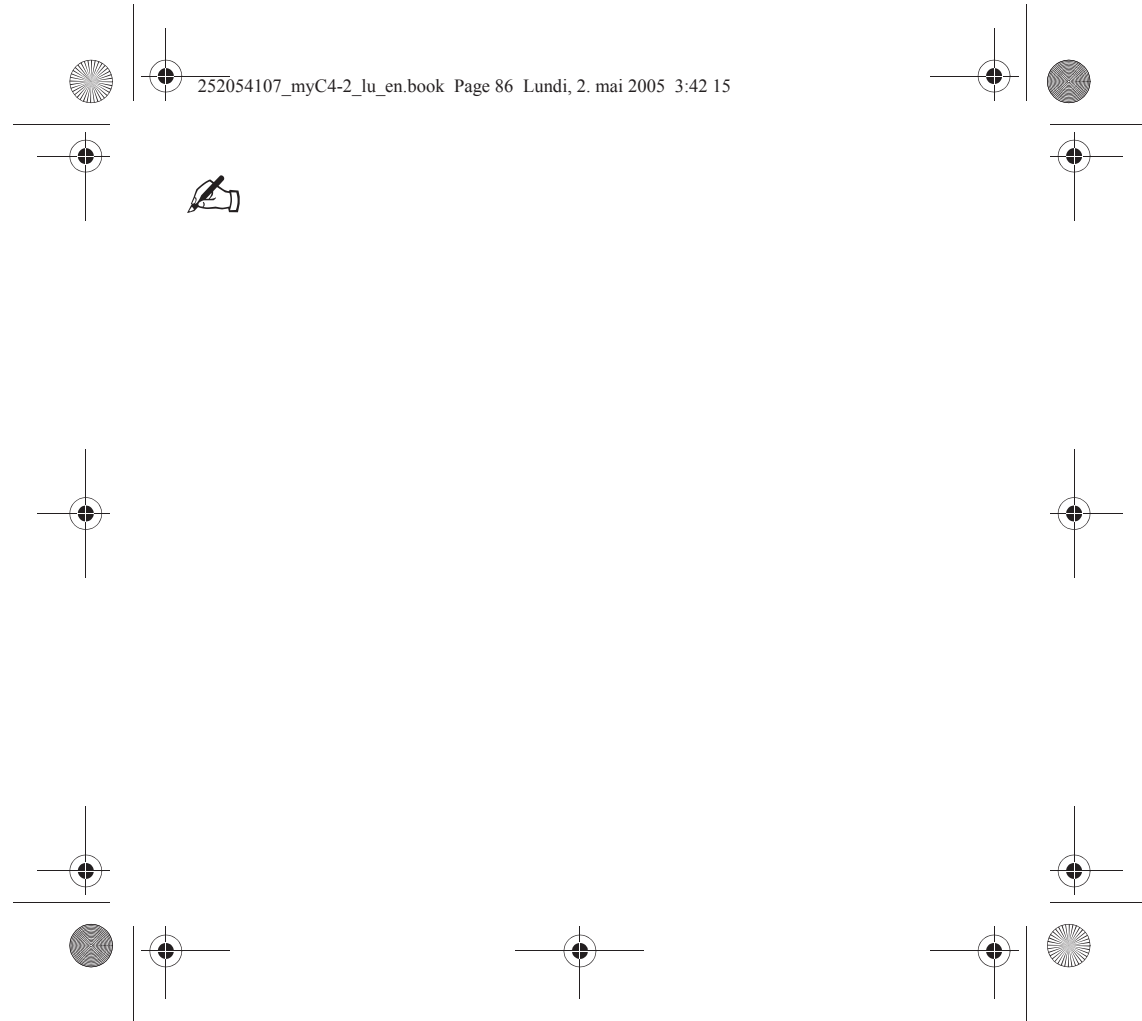


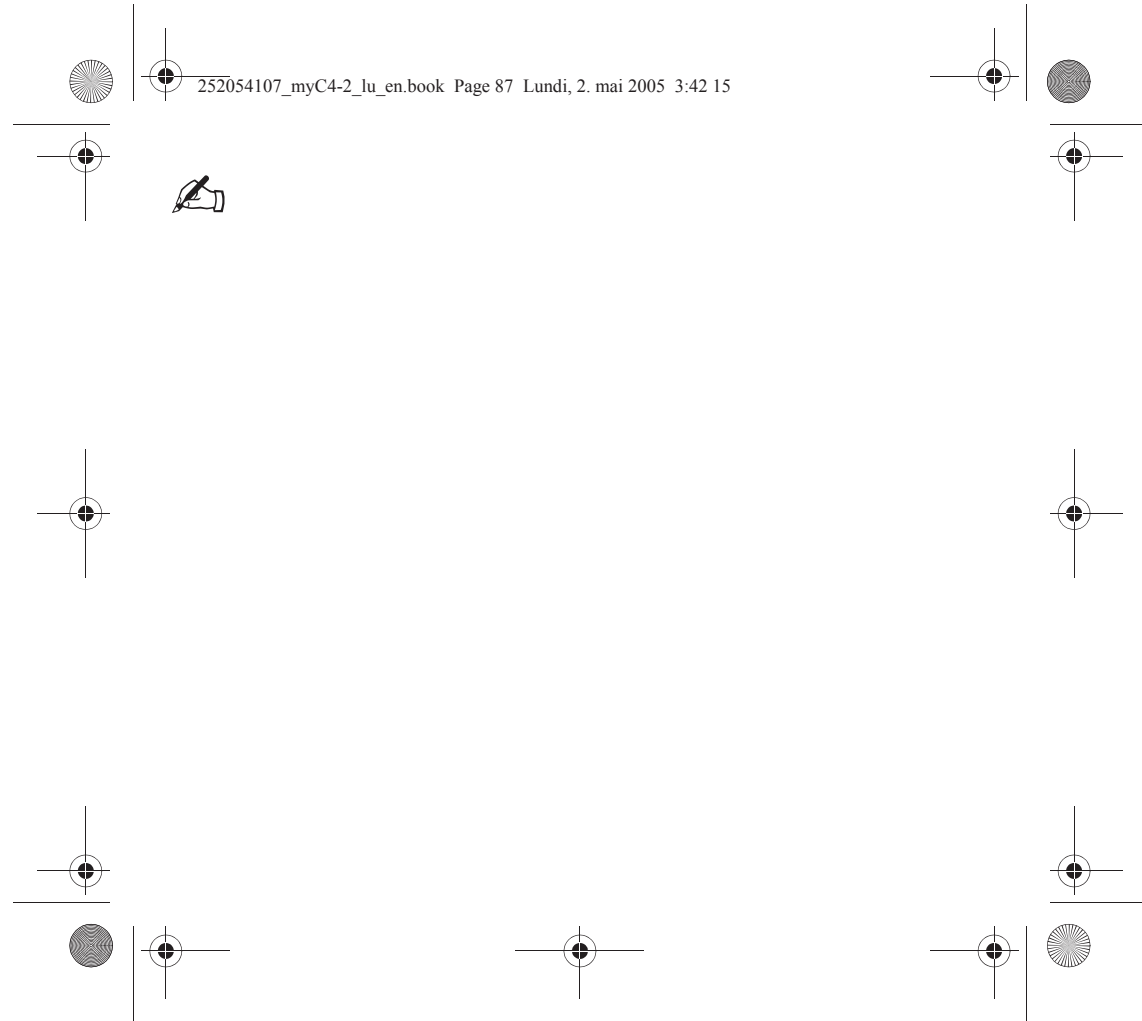


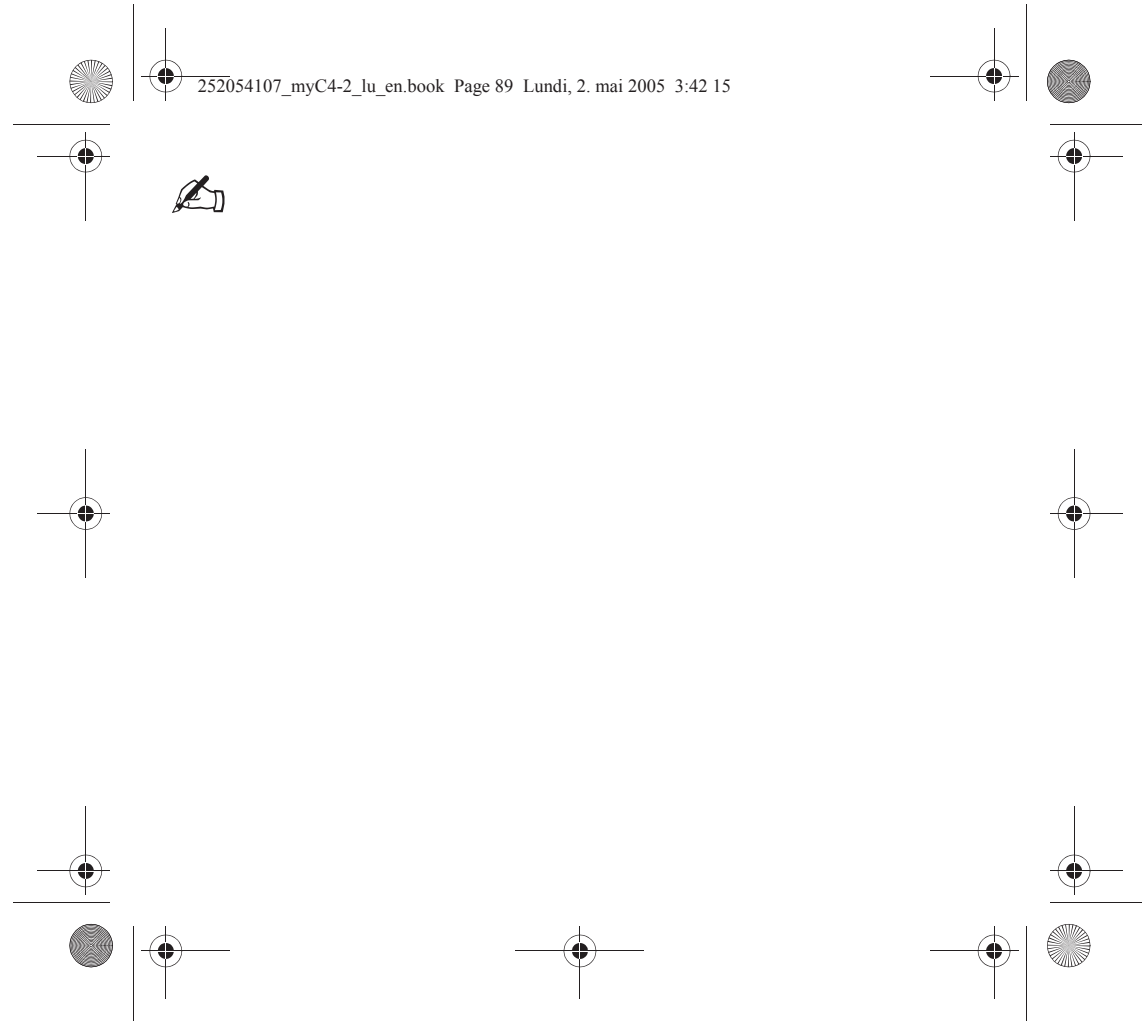


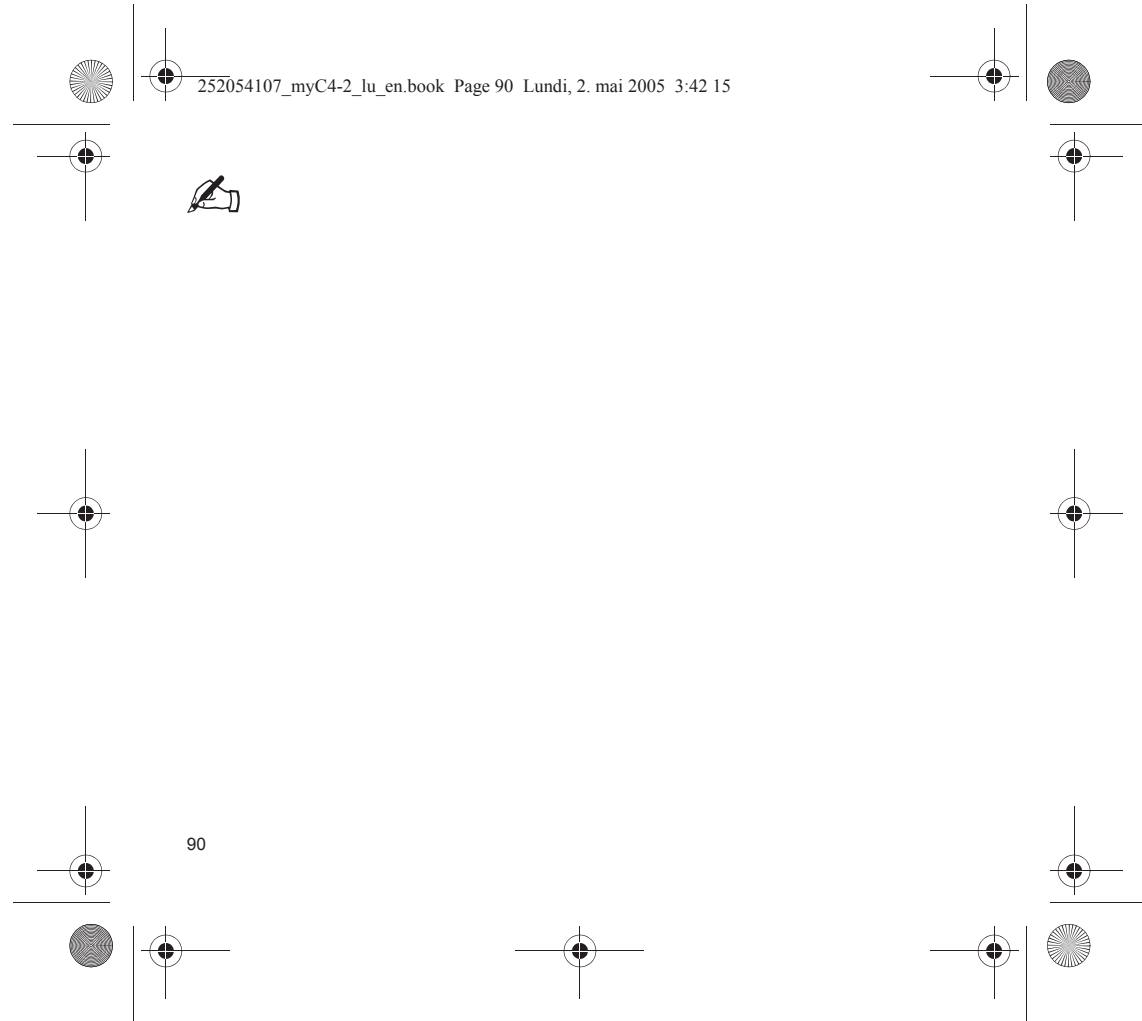


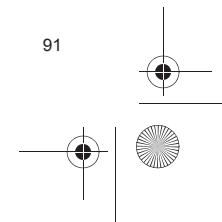
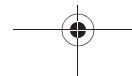
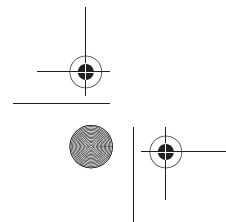
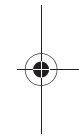
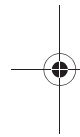
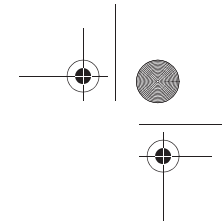
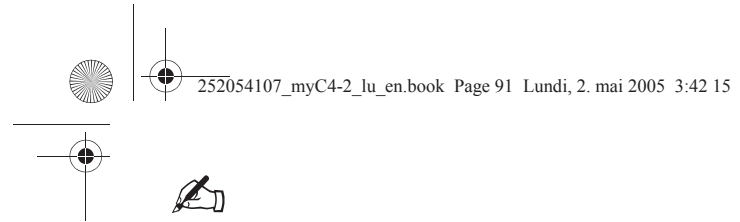


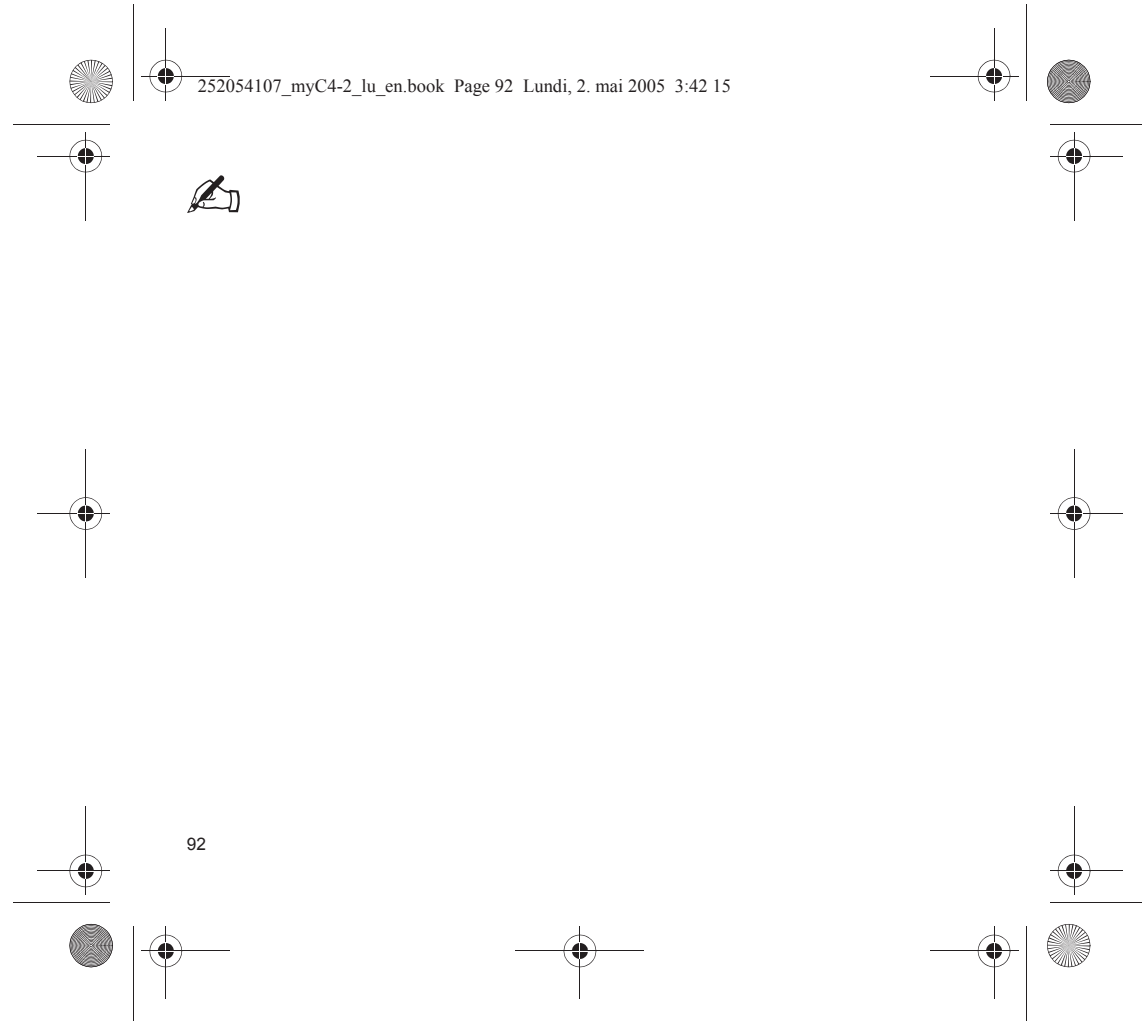


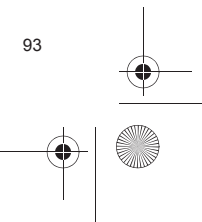
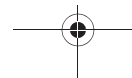
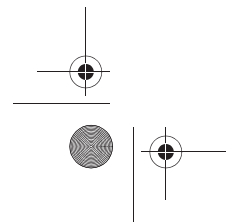
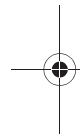
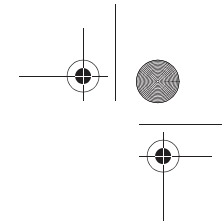
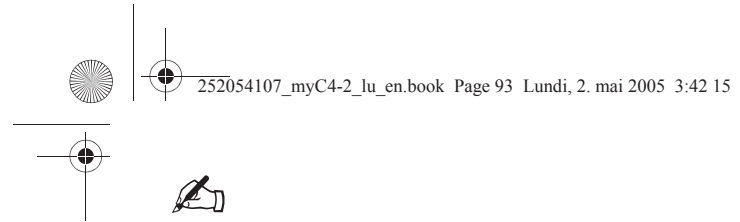


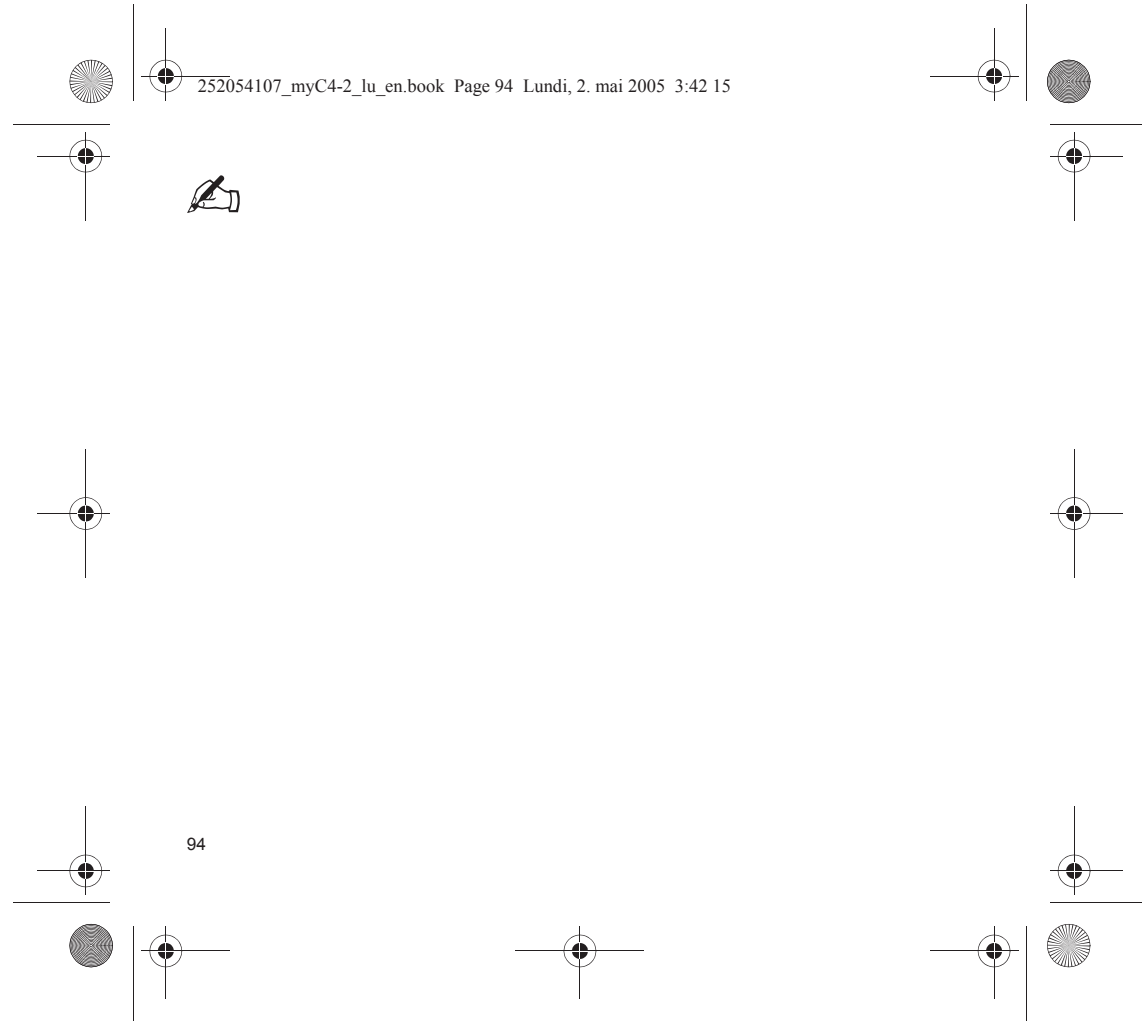


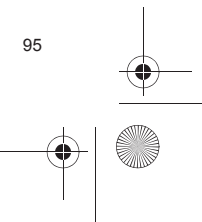
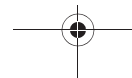
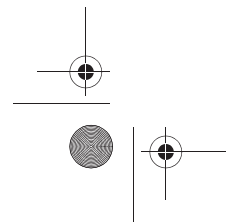
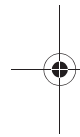
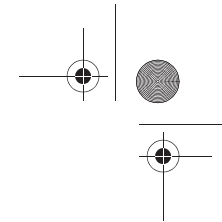
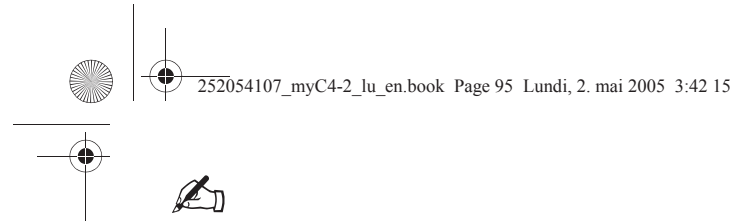


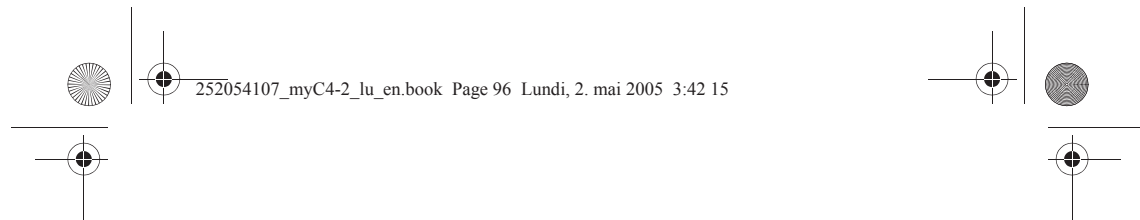




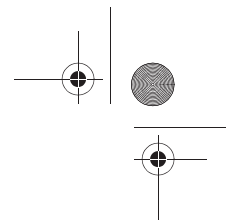








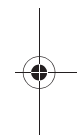
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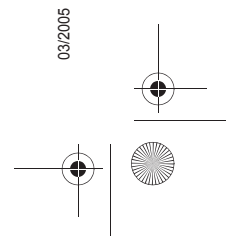
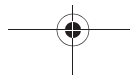
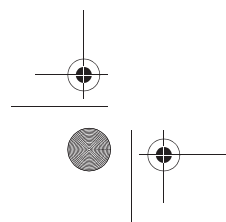


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