

User Manual

Vodafone 527

English

Designed for
Vodafone live!



Congratulations! you have just purchased this phone from Vodafone. 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 on different networks (GSM 900 MHz and DCS 1800 MHz) depending on the roaming arrangements with your network provider.

This phone is approved to meet European standards.

WARNING

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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Menus



Entertainment

- Music player
- FM Radio
- Games
- Applications



Vodafone live!

- Vodafone live!
- Go to URL
- Bookmarks
- Saved pages
- History
- Settings
- Vodafone Mail
- What's New?
- Live! Studio (*)
- Games
- Sounds
- Pictures
- News
- Sport



Calls

(*) *Service depending on the operator*



Camera



Messaging

- Create Message
- Inbox
- Drafts
- Sent messages
- Outbox
- Vodafone Mail
- Messenger (*)
- Live! Studio (*)
- Call Voice Mail
- Templates
- Settings
- Local info.
- Groups
- Memory



My Files

- Pictures
- Sounds



Organiser & Tools

- Services
- Alarm
- Timer
- Calendar
- Calculator
- Todo



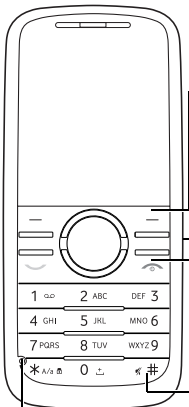
Contacts



Settings

- Phone
- Display
- Messaging
- Connectivity
- Calls
- Network
- Security
- Browser
- Java™
- Multimedia
- Help

Description



Right key

- *In idle screen:* access to Vodafone live! (shortcut)
- *In menus:* access to the selection shown on screen in the tab

Charger connector

Stop key

- Short press: switch on/wake up to idle screen
- Long press: switch off
- *In a call context:* reject a call - hang up
- *In menus:* return to idle screen

key

Microphone

WARNING: Ensure that you are not obstructing the microphone in call context

When composing a message

- Long press: modifies the T9 mode language
- Short press: displays the symbol table
- *In idle screen:* Long press: silent mode
- *In call reception mode:* Short press: stops ring tone
- *In ring tone setting mode:* Short press: activate/deactivate ring tone
- Long press: stops sound in a game
- Short press: stops sound in a message with a ring tone attached

The **navigator** allows you:

- to navigate in the various functions pressing the relevant direction (up, down, right, left),
- to confirm your selection pressing the central part (**OK**).

In idle screen, pressing **OK** goes to the main menu.

Pressing **OK** followed by one of the nine keys of the keypad, you can display a menu directly.

Note: the phone menus being numbered, you can directly access a menu typing the various numbers.

Left key

- *In idle screen:* access to the main menu (shortcut)
- *In menus:* access to the selection shown on screen in the tab

Start key

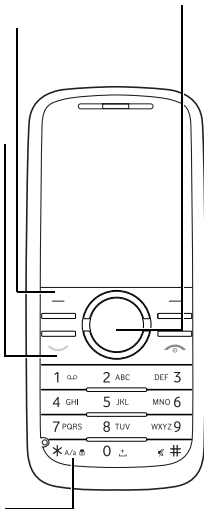
- *In dialling/phonebook/call log context:* call - receiving a call
- Short press: activate/Deactivate hands-free mode during a call (**WARNING:** in this mode do not bring the phone up to your ear)
- *In idle screen:* displays the call log

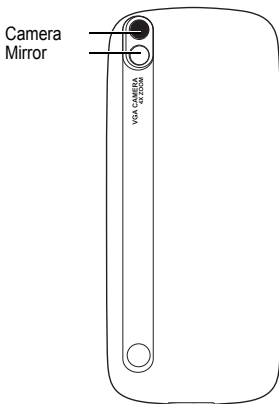
* key

- *In idle screen:* short press and OK: activate/deactivate the keypad locking

When composing a message

- Short press: switches from one input mode to another (upper case/lower case, 123 mode)
- Long press: activate/deactivate T9 mode





Alphanumeric keypad

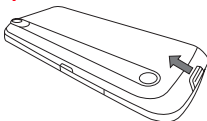
- 1 A long press on the key **1** calls voicemail (if the number has been stored in **Settings/Calls/Voicemail** menu)
- 2 to 9** A long press on one of the **2 to 9** keys starts the speed dialing (if the number has been saved in the **Settings/Phone/Shortcuts/Speed Dialing** menu). Otherwise, the speed dialing number empty screen for the key is displayed. You can then save a number.

Installing the SIM card and the battery

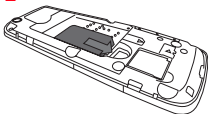
Ensure that the phone is switched off and the charger disconnected.

- 1 Open the back cover using the notch located at the bottom of the phone. Take out battery if already installed.
- 2 Slide the SIM card into the card holder with gold face down and cut corner as shown in the figure below.
- 3 Insert the battery by positioning the bottom first
- 4 Relace the back cover, clicking in the upper part first and then the lower part.

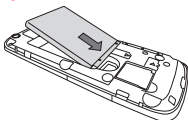
1



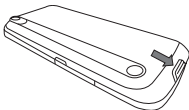
2



3



4

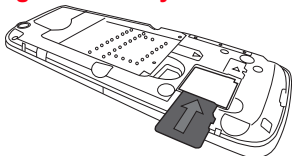


WARNING

Depending on the model, network configuration and associated subscription cards, certain functions may not be available.

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#`.

Inserting the memory card



- Remove the back cover.
- Insert the memory card into the card holder as shown in the figure.


Using the memory card


The memory card is very fragile. Take care when you insert or remove the memory card.



Some memory cards must be formatted with a PC before first use with the phone.

Navigation principles

These basic principles provide a great intuitiveness to your phone.

Validate by pressing the  key or the navigator.


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.

From the home page, pressing the navigator displays the icons of the main menus.

When pressing the navigator followed by a figure, you can display a menu directly. For instance, pressing the navigator then **8** displays the Phonebook.

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.

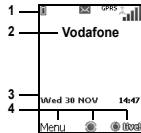
The  key (press briefly) is used to go back to the idle screen (current function is abandoned).

Idle screen

The idle 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) |
|  | DATA communication |
|  | Silent mode |
|  | Message in answering machine |
|  | WAP (@) communication |
|  | GPRS |
|  | Home zone |
|  | Roaming |
|  | Only emergency call is possible |
|  | Protected WAP logon |
|  | Protected WAP logon icon with certificate |
|  | Signal strength level (5 bars). |



2 - Network provider's name

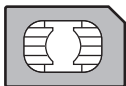
3 - Date and time, in digital or analog mode

4 - Symbols and tab centred on bottom line:

- The main  thumbnail shows that the menu can be accessed via the navigator. Menu: Shortcut to the main menu -  live!: Shortcut to **Vodafone live!** menu.
- Information messages on calls, messages or network messages received may also be displayed. They can be deleted by pressing  key briefly.

Activating your phone

Information on the Vodafone SIM card



To use your phone, you need Vodafone 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
- Phonebook
- Messages
- How special services work.


WARNING

This card must be handled and stored with care to avoid being damaged. If you should lose your SIM card, contact Vodafone immediately.

Please keep your SIM card out of reach of young children.

Getting started

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

Switch on the phone by pressing the  key.

Enter your PIN code then the date and time.


PIN number

This is your SIM's secret code.

If access to the Vodafone SIM card is protected, the device prompts you to enter the PIN:

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 **[OK]** or the navigator 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 is entered three times in succession, your SIM card is blocked. You must then:

- Enter the PUK (Personal Unblocking Key) code provided by your operator, and validate.
- Enter your PIN and validate.
- Enter your PIN again and validate.

After 5 or 10 failed attempts (depending on the type of SIM card), the Vodafone SIM card is permanently locked. You must then contact your operator 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 navigator to increase or decrease the default values.

Use the navigator to access the next (or last) data input field.

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


Setting the time


Same procedure as for setting the date.

Network

The phone will now search 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 the  icon and a network name are displayed, calls are possible on the network of a different operator.

If the the  icon 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 received signal strength indicator displays 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  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 navigator.

At the end of the conversation press the  key to hang up.

Calling voicemail


In the idle screen, press and hold down the **1** key.

International call

Press (hold down) **0** 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 a SIM card. 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, without refusing the call, press the   key.

Hands-free mode

To change to hands-free mode during a call, short press on the green key then press **[Yes]** to confirm activation of the amplified mode.

WARNING: in this mode do not position the phone near your ear.


When a call is on hand, pressing **[Options]** allows you to have access to different functions.


Pressing **[Mute on]** allows you to switch off the sound temporarily when you do not want that your correspondent listens when you want to speak to other people.

Call log


The **Calls** menu allows you to access the call log divided into five lists that you can display by the navigator: all calls, dialled calls, received calls, missed calls and call manager.

Various options are proposed: store a number in your phonebook, call, send a message, etc.

You can also make a call to a number by pressing the  key.

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

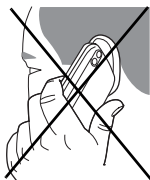
Switching off

Press the  key (long press).

The end message is displayed. The phone switches off.

Using your phone

Improving antenna performance



The antenna is integrated in your phone, under the lower part of the back cover.

Avoid putting your fingers on this area when the phone is switched ON.

If your fingers obstruct the antenna, the phone may have to operate with a higher power level than usual, decreasing its efficiency quickly. It could also affect the quality of your communications.

Non ionising radiation

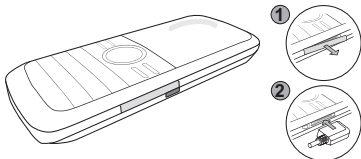
Use the phone in a vertical position. Your personal safety can only be improved by doing so.



Increase the efficiency of your phone

- Don't press the keys when not necessary: each keypress activates the backlight, and uses power.
- Don't obstruct the antenna with your fingers.
- Activation of the *Bluetooth*[®] function reduces the life time of the phone. We recommend you deactivate it when not in use.

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:

- Pull out the small connector cover.
- Connect the charger to the socket.
- Plug the end of the cable into the phone connector.

The phone is starting charging. 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. Replace the connector cover.

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

When you charge the battery, the socket on which the charger is plugged must be easily accessible.

WARNING

If the battery has entirely discharged, the phone cannot start. Plug the phone into the charger. The phone will switch on after a few minutes of charge. You can use the phone again when the **Start** option is displayed on the screen.

WARNING

There is danger of explosion if the battery is placed in an incorrect 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 recommend 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).

If the battery has entirely discharged, the phone cannot start. Plug the phone to the charger. The phone will switch on after a few minutes of charge. You can use the phone again when the Start option is displayed on the screen.

Contacts



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

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

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

Using the phonebook

Display the **Contacts** menu. The list of your contacts appears. The location where the contact is stored (SIM card or phone) is indicated by the icon at the top of the screen when the cursor is located on a contact.



contact stored in the SIM card



contact stored in the phone



contact stored in the Fixed Dialling. See **PIN2** and **Fixed dialling** page 58 for more details about this activation.


Storing a new contact

There are two ways to store a contact:

- 1) by selecting **Contacts/[Options]** then **Add phone contact** or **Add SIM contact**.
- 2) **Contacts/Add contact/Telephone, SIM card** or **Fixed directory**.
 - Then enter the last name and press **OK**.
 - Enter the number and press **OK**.
 - Press [**Save**] to store it.

Calling a contact

Several ways are possible:

- Select a contact. Press the  key to start the call.
- Select a contact, press **OK**, their number is displayed, press **[Options]/Call** to start the call.
- Direct call from the idle screen (only for the contacts stored in the SIM card memory): type the number with which the contact was saved *A/A 0 (example : 21 *A/A 0) or the number * #, the number is displayed, confirm.

Speed Dialing

You can assign a short number to a contact (from 2 to 9).

- From the idle screen, make a long press on the short number selected.
- The Speed Dialing function is displayed.
- Enter the phone number of your contact or press the **[Contacts]** key to select a contact already saved.
- Press **[OK]** to confirm.

Displaying a contact

Select a contact from the list and press **OK**. The name, the phone number and the order number with which the contact is stored are displayed.

Note: By directly pressing three characters, 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 and press **[Options]**.

Top 3 contacts

For the most incoming and outgoing calls there are three contact names shown in the first three positions in the phonebook.

All the options available for a contact also apply to these three contacts. Be careful if you delete a Top 3 contact, then it is deleted from your phonebook.

Note: if you remove the battery, the Top 3 Contacts are not displayed when the phone is switched on again.

Contacts options

To display the various options, select a contact and press **[Options]**.

Edit contact

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

Send message

To send an SMS or a postcard to a contact (see chapter **Messaging**).

Send by message

To send a contact details by message (see chapter **Messaging**).

Send via Bluetooth

To send the details of one, several or all the contacts by *Bluetooth*[®].

Add Speed-Dialing

You can assign one of the numbers proposed to the contact selected (see **Speed Dialing** on page 25).

Copy to phone/Copy one to SIM

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

- **Copy of a phone contact to the SIM card:** select the current contact or several contacts then, if necessary, modify the name and the number.
- **Copy of a SIM contact to the phone:** select the current contact, several contacts or all the SIM contacts.

Export

It allows you to copy one or several contact details to the **My Files/My Contacts** directory.

Several options:

- **current**: the details of the contact selected are copied,
- **multiple**: the details of the contacts you select are copied,
- **all**: the details of all the contacts are copied.

My numbers

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

Enter the different details and validate.

Memory

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

- **Telephone**: the screen displays the amount of memory used. The memory capacity is shared between the phonebook and various other features. If you are short on memory, check if you can free some space from another feature.
- **SIM**: available memory only for contacts.

Delete

This allows you to delete the contact selected, several contacts or all the contacts.

Set as my card/Business card

The details of a contact stored in the phone memory can be saved in a business card.

- Select a contact and press **[Options]**.
- Select **Set as my card** and **[OK]**. The details are saved as **Business card**. Then you can read it, modify it or send it by message or *Bluetooth*[®].

Copy all to phone/Copy all to SIM

This allows you to copy all the SIM card contacts to the phone memory and vice versa.

Synchronize

You can synchronize your phonebook with your archives stored in Vodafone's network depending on the options offered by your subscription with a GSM or GPRS connection from your phone. You can also synchronize your phonebook with your archives stored in your computer. You just need to activate *Bluetooth*[®] or configure your USB connection in your phone (see chapter **Settings/Connectivity**).

Add to mailing list

This menu allows you to add a contact to a mailing list.

Settings

- **List choice:** this menu allows you to select the default phonebook (SIM, Phone, SIM and Phone) displayed when the phone switches on.
- **Sorting:** this menu allows you to select the way to sort contacts in the phonebook (by name or first name).
- **New number:** after an incoming or outgoing call with a number not stored in the phonebook, this option allows you to activate or deactivate a request to store the number in the phonebook.

Groups

A group allows you to send the same message to several recipients at the same time.

- In the phonebook, select the **Groups** tab.
- Press [**Options**].
- Select **Add group**.
- Enter a name and press **OK**.
- Then, on a list press [**Options**]. Select **Add contact** each time you want to add a contact in the list.

Messaging



From this menu, you can send an SMS and MMS. MMS is the Multimedia Message Service, which allows you to send photos, audio files and other rich content in your messages; these messages can even be composed of several slides. An MMS is not charged at the same rate as an SMS. Please contact Vodafone to get more information on their cost.

Creating a message

- Select **Messaging/Create Message/Message**.
- Type your text. The T9 mode is applied by default.

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

- **Input mode: ABC mode/123 mode** (see page 31), **T9 options** (see page 31).
- **Add recipient:** to send the message by entering the recipient's number or selecting it in the phonebook.
- **Add Photo/Sounds/Objects/Calendar/Business cards:** to insert various objects into your message.
- **Add Subject:** allows you to precise a subject to your message.
- **New word:** to add a word in the dictionary.
- **Preview:** to display a preview of the message once composed.
- **Slide duration:** allows you to select a duration to make the text scroll automatically before sending the message.
- **Symbols:** to insert accented characters, special characters or punctuation.
- **Message type:** to select the message type (SMS or MMS).
- **Send Options** (see page 35).

- **Activate/Deactivate Zoom** is used to modify size of characters.
- **Save as template:** allows you to keep as a template a message in order to use it again.
- **Save to Drafts:** to save a draft in memory.

Using T9 Mode

The Easy Message T9® mode helps you to write your messages more easily.

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).



Press the key corresponding to the letter chosen once 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.

The same sequence of keys pressed can correspond to several words, existing in the dictionary. If the word that appears is not the word you expected, press the navigator upwards to scroll through the words corresponding to this key sequence.

Once you agree on the word proposed on the screen, press right on the navigator to validate it or on the **0** key (which validates and inserts a space after the word), and continue writing the next word.

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

Note:

- You may change to capital letter, small letter or 123 (digit) mode at any time by pressing and releasing the *_{A/a} key.
- You may also obtain the digits by pressing and holding the key you want.
- Changing the language in T9 mode: press and hold the * # key.

Using another mode

To deactivate T9 mode press and hold the *_{A/a} key. The ABC mode then applies: each time you press a key this corresponds to the letters indicated on the key (for example, press the 2 key twice to display B).

As in T9 mode, you may change to capital letter, small letter or 123 (digit) mode at any time by pressing and releasing the *_{A/a} key.

Note: you may change mode by pressing [**Options**].

Punctuation characters

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

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 repeatedly.

Saving the message

- Select **Save to drafts** if you do not want to send the message immediately or if you want to send it several times. It is saved in the **Drafts** menu.
or
- Select **Save as template** to use it again as a template. It is saved in the **Templates** menu.

Sending the message

- Once the text is entered, press the navigator or press [**Options**] and select **Add recipient**.
 - Enter the recipient's number or retrieve it from your phonebook by pressing [**Options**] then selecting **Contacts**.
- You can also select a group in your phonebook.

Live! Postcard

Messaging/Create Message/live! Postcard

With the Live! postcard option, Vodafone prints on paper a photo you have selected in your phone and Vodafone sends it by post to the receiver.

Select the photo you want to send and press **OK**. Then press **[Options]/Insert**.

Type the message to be printed on the postcard and press **OK**. Enter the receiver's name, address, Post Code and City and optionally County and Country using **OK** to advance.

Finally, to send the postcard press **[Options]** and select **Send**.

Note: In some countries or models this service may not be supported (check with your local Vodafone Service provider).

Receiving messages

When you receive a message, the phone plays the ring tone that you selected, and a message icon is displayed 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 multimedia objects can take several seconds. An icon is flashing 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 just receive 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 network.

For more details about automatic and retrieval modes, see **Settings** on page 35.

Please contact Vodafone to get more information on multimedia objects downloading.

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

Inbox

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 message 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 **OK**. Select one of the options shown.

If there are enclosures in a message, you can extract them in order to be used later on (they are stored in the phone memory).

Drafts

When you save a message, it is stored with the drafts.

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

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

Sent messages

This menu is used to store all your sent messages if you have activated the **Save sent messages** option in the **Settings** menu (see page 35).

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 **OK**.

Outbox

This menu displays the messages that have not been sent. You can therefore send them again.

Vodafone Mail

This menu allows you to connect to your email box.

Live! Studio

(Service depending on the operator).

With this link, you can view your stored pictures and sounds in the Vodafone live! live! Studio site.

Note: In some countries or models this service may not be supported (check with your local Vodafone Service provider).

Messenger

(Service depending on the operator).

The **Messenger** menu allows you to speak in real time with your contacts having the same connection type, from your phone or your PC.

At any time, wherever you are, you can send them a message as easily as a SMS.

Note: This service leads to a cost. For more information, contact your operator.

Creating an identifier

To use Messenger you need to create an identifier (name) and log on to the operator server: help screens guide the user when logging on for the first time.

After logon, the list of contacts is displayed.

Remark: An icon is displayed on the sleep-mode screen when you are logged on to Messenger.

Adding contacts

To add a contact, go into "**Choice**" and into the "**Add contact**" option, then enter your contact's telephone number or Messenger identifier.

An icon opposite each contact indicates whether your contact is on line, available, etc.

Conversation

To start a conversation with one of your contacts, all you do is select your contact then send a message by going into "**Choice**" then the "**Write**" option: the text you sent and your contact's reply both appear in the conversation screen.

Call Voice Mail

This function allows you to call your voicemail.

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

Templates

When composing a message, if you selected the **Save as Template** option, the template is saved in this menu.

The same options are available for the templates as for the drafts.

Settings

1. SMS

The SMS settings are: Save sent messages, Delivery report, Period of validity, Message format, Message centre number.

2. MMS

The MMS settings are:

- **Save sent messages:** it is highly recommended that you keep this function deactivated, to avoid saturating the 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 a delivery report when sending a message.
- **Period of validity:** during that period, the network provider will try to send the message.

Advanced settings

- **Send delivery report:** 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.

- **Display Bcc:** if you want to activate/deactivate this display.
- **Sender visibility:** you choose to display or not your phone number on the receiver's phone screen, with that message.
- **Maximum Size:** if you want to activate/deactivate the option of maximum size supported for the MMS.

3. Voicemail

This menu allows you to modify the voicemail number.

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 Vodafone).

Groups

This menu displays the mailing lists created in the phonebook.

Memory

You can see how much memory space is available for saving messages.

Select one of the options shown: 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.

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 screensavers.

Taking and saving a photo

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.

The three text lines on the left of the screen indicate:

- the number of photos that you can take with the photo and the format quality selected,
- the current format selected (**Photo format** option below),
- the current quality selected (**Photo quality** option below).

Settings before taking a photo

Zoom:

To activate zoom, use the navigator upwards or downwards.

Note: if the zoom selected does not match the storage format, the photo is automatically saved in an appropriate format

Other settings (press [**Options**]):

- **Activate timer:** to take a photo with a 5, 10 or 15 second time delay.
- **Effects:** to select an effect (sepia, negative or grey levels).
- **Exposure:** to select luminosity (indoor, night, etc.).
- **Save pictures to...:** used to select the location where the photo will be saved (phone or memory card).
- **Click sound:** to select the sound you will hear when taking a photo.
- **Photo quality:** to select the photo quality.
- **Photo format:** to select the format in which your photo will be saved.

Taking a photo

- 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 **[Save]** to save your photo and display the different options:

- **Send By:** allows you to send the photo by message or Postcard.
- **live! Studio:** allows you to store the photo in the live! Studio site (service depending on the operator).
- **Send via Bluetooth:** allows you to send the photo by Bluetooth®.
- **Take photo:** allows you to take a new photo.
- **Editor:** various options to modify a photo.
 - 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 a negative,
 - Grey Scale:* allows you to change colour into black and white,
 - 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,
 - Sepia:* allows you to change colours into sepia,
 - 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 solarization of a photo,
 - Saturation:* allows you to increase or decrease the colour saturation.
- **Rename:** allows you to modify the name of a photo.
- **Add to contact:** allows you to assign a photo to a contact saved in the phonebook.
- **Use as:** allows you to select the photo as wallpaper or screensaver.

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

My Files



The **My Files** menu contains the directories of all the multimedia objects recorded in your phone and the downloaded objects (photos, ringtones, etc.).

There are two tabs that you can select by pressing the navigator rightwards or leftwards:

- **Phone** tab (phone memory)
- **Memory card** tab (available if you have inserted a memory card in your phone).

You can copy the multimedia objects from the card to your phone.

To display the various options of each directory, press **[Options]**.

- **Browse**: displays the list of the objects.
- **Rename**: modifies the directory name.
- **Delete**: deletes the directory (only the directories created by the user).
- **New folder**: create a new directory.
- **New...**: allows you to take a new photo or to record a sound.
- **Format**: this option deletes all the internal memory of the phone. **Warning**: all the multimedia objects saved in this memory will be deleted.
- **Memory**: displays the memory used and available for the multimedia objects.

For each object a list of options is available (view, send, delete, etc.).

Vodafone live!



Vodafone live! is a mobile internet portal service which allows you to obtain information such as weather conditions, news, sport and download new ringtones, wallpapers, music, etc.

The browser navigator is under licence:



RSA Data Security

The browser 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.

- **Vodafone live!:** opens the Vodafone live! portal.
- **Go to URL:** allows to enter URL addresses.
- **Bookmarks:** allows to store bookmarks (addresses of Internet sites).
A bookmark stored in the list can be modified, sent or deleted.
You can receive bookmarks and add them to this list.
- **Saved pages:** allows to display the pages saved on Internet sites out of connection (Warning: these pages will not be updated).
- **History:** backward and forward navigation of the pages displayed are kept in memory.
- **Settings:** allows you to modify profiles or create new ones.
- **Vodafone Mail:** allows you to connect to your email box.
- **What's New? - live! Studio** (service depending on the operator) - **News - Sport:** connection to information site on Vodafone live! portal.
- **Games - Sounds - Pictures:** allows you to choose more games, ringtones or images to use on your phone. Connect to the Vodafone live! portal.



Music player



- 1 - Set the volume
- 2 - Change to the next or previous music track
- 3 - Play/pause music

This menu allows you to listen to musics in a continuous way like a portable music player.

If you do not have any music in memory, use Vodafone live! to download some or connect your phone to a PC.

Creating a playlist

- Select **[Options]/Library**.
- Select **[Options]/Create playlist**.
- Type a name for your playlist and press **OK**.
The **My Files** menu in which there are the multimedia directories is displayed.
- Select in **Sounds** directory or in the memory card the musics you want in your playlist.
 - the contents in the playlist.
 - **[Options]/View content** then on a music **[Options]/Add to playlist** adds the music selected.

When pressing **[Options]** on a playlist, you can display or play the contents, add musics, create a new playlist, delete one or modify its name.

Playing your music

To display the different options in the **Music player** menu, press **[Options]**:

- **Library**: allows you to display the playlists.
- **Play**: to play musics of the playlist.
- **Remove from list**: allows you to remove the music selected or all the music from the list.

- **Play options:** to play the musics one by one, in a continuous way or in a random way.
- **Repeat options:** to choose whether or not to replay a list.
- **Save list:** save the current playlist as a new playlist.
- **Send by Bluetooth:** to send the music by message or *Bluetooth*[®].
- **Memory:** allows you to display the memory used for musics and the available memory for the multimedia objects.
- **Details:** properties of the music selected.

FM Radio

Important: you must connect the hands-free kit to operate the FM radio. The radio antenna is contained in the hands-free kit wire.

Note: frequency range available: 87.5 MHz to 108 MHz (in steps of 100 KHz).

Music player mode

Once you have connected the hands-free kit, select the Music player menu then Radio FM.

[**Options**] is used to access the different radio functions: select a frequency, save several stations in a list (3 lists of 10 stations), mono or stereo mode.

When you listen to the radio, the station number is displayed on the idle screen.

Operation of the keys while listening to FM radio:



- 1 - Set the volume
- 2 - Change in steps of 0.1 MHz (short press) - find stations (long press)
- 3 - Play/pause

[**Back**]: used to exit the menu while continuing to listen to the radio.

Games



Each game has a tutorial section to guide you through the rules and actions.

And when you've completed these games, why not download some more?

Applications

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

Downloading is done through the browsing function.

Organiser & Tools



Services

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

Alarm

This menu allows you to set and activate the alarm.

To activate the alarm, select **Status/Activate**.

Set the wake-up time by entering the numbers directly and validate.

 The alarm icon appears on the idle screen.

The alarm works even when the phone is switched off.

Timer

This menu is used to set and activate the timer.

To activate the timer, select **Activate**.

Set the duration (hours/minutes) by entering the numbers directly and validate.

 The alarm icon appears on the idle screen.

Calendar

This menu gives you access to your diary with day, week, month or specific date views. It lets you add events, access the global actions for all the events and manage them by event category. Press **[Options]**.

- **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.
- **See date:** allows you to access events at a specific date.

Calendar menu

- **Add Written Evt/Add voice record:** allows you to add events of text or voice type. Fill in the different items. Save the event.
- **Delete:** allows you to schedule the deletion of events that took place more than one day, week or month ago.
- **Memory:** allows you to display the memory capacity used by the different functions of your phone and in particular the diary.
- **Delete all:** allows you to delete all the events from 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 view them.
- **Synchronize:** You can synchronize your organizer with your archives stored in Vodafone's network depending on the options offered by your subscription with a GSM or GPRS connection from your phone.

You can also synchronize your organizer with your archives stored in your computer. You just need to activate *Bluetooth*[®] or configure your USB connection in your phone (see chapter **Settings/Connectivity**).

Calculator and converter

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

Use the following keys to make calculations: ▲: Add, ▼: Subtract, ►: Divide, ◀: Multiply, * $\frac{1}{a}$ $\frac{b}{c}$: Decimal point, % #: Minus sign.

If no calculations are being run, pressing [**Convert**] allows you to convert one currency to another.

To convert, the currencies and the exchange rate must be indicated (see the options below). Then, once a value is entered, it is automatically converted.

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

Rapid exchange

If you select **Activate**, the converter will work in the idle screen by entering the desired numbers and pressing the navigator upwards or downwards to convert.

Exchange rate

Enter the exchange rate corresponding to the chosen currency.

Currency

Enter the two types of currency, which you want to convert.

Go to calculator

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

Todo

This menu allows you to write or record tasks, called Todo, access category-based Todo management and delete all the Todos.

- **Write Todo:** allows you to write a text Todo. Fill in the different items. Save the Todo.
- **Record Todo:** allows you to record a voiceTodo. 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 display the memory used by the different functions of your phone and in particular the ToDos.
- **Synchronize:** You can synchronize your ToDos with your archives stored in Vodafone's network depending on the options offered by your subscription with a GSM or GPRS connection from your phone.

You can also synchronize your ToDos with your archives stored in your computer. You just need to activate *Bluetooth*[®] or configure your USB connection in your phone (see chapter **Settings/Connectivity**).

To display a Todo, select it in the list and press **OK**. 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 message:** allows you to send the ToDo by message.
- **Send via Bluetooth:** allows you to send the ToDo by *Bluetooth*[®].
- **Export:** it allows you to copy the event to the **My Files/My Calendar** directory.

Settings



Phone

Ring tones

This menu allows you to allocate a ring tone to different functions (call receiving, message receiving, alarm).

Profiles

Normal

This option allows you to allocate a ringtone to different functions.

Press [**Options**] then **Modify** to select first, the function on which you want to allocate a ringtone then select a ringtone and the volume:


- **Download ringtones:** to download new ringtones.
- **Preloaded:** the phone default ringtones.
- **My Files:** personal directory ringtones.
- **Silent:** silent ring tone.


Only vibrate

If you select this option, it activates the vibrate mode for calls.

Silent mode

If you select this option, it activates the silent mode.

Silent mode can also be accessed via the idle screen by holding down the  # key.

 When the phone is in silent mode, the corresponding icon appears on the idle 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.

Outdoor

If you select this option, when there is an incoming call, the volume of the ringtone is louder.

Languages

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

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

Beeps

This menu allows you to activate a beep for the battery, the keypad or the network.

Memory

This menu displays the memory space used for the various functions.

Date / Time

Set Date/Time

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

Automatic update

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

Please select Automatic, Manual or On demand and press **[Select]**.

Display

This menu allows you to select the date and time display.

In the list that appears, select the desired display type between Analog, Digital, or None and then validate.

Time zone

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

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

Daylight savings

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

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

Shortcuts

This menu allows you to allocate functions to the directional keys of the navigator and to assign a short number to a contact (see **Contacts** chapter).

Reset

This menu allows you to reset the phone parameters.

Display

Wallpaper

This menu allows you to select a background picture.

You can select wallpapers through the phone default wallpapers (**Preloaded**) and the pictures downloaded (**My Files**), several wallpapers in a random way (**Random**).

You can also select the connection link **Download Pictures** to download pictures.

When the directory **My Files/Pictures** is displayed on the screen, on the picture name:

- Press **[Select]** to validate your wallpaper selection, or
- Press **OK**: the picture is displayed. Press **[Select]** to select it as your phone wallpaper or press the navigator upwards or downwards to display others.

Operator logo

This menu allows you to display your operator's logo on the idle screen (depending on model).

Screensaver

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

You can select screensavers through the phone default screensavers (**Preloaded**) and the pictures downloaded (**My Files**), several screensavers in a random way (**Slide Show**).

You can also select the connection link **Download screensavers** to download pictures.

When the directory **My Files/Pictures** is displayed on the screen, on the picture name:

- Press [**Select**] to validate your screensaver selection.
or
- Press **OK**: the picture is displayed. Press [**Select**] to select it as your phone screensaver or press the navigator upwards or downwards to display others.

Energy saving

Economic mode

You can select one of the following eco modes:

- **On & double lock**: this mode provides maximum efficiency for battery life. The screen is off and the keypad is locked.
To exit this mode: press **OK**, the red or green key to turn on the backlight and display time. Press * **OK** to unlock the keypad.
- **On & single lock**: the screen is off and the keypad is locked.
To exit this mode: press the red key. To turn on the backlight and display time, press **OK**.
- **Unlocked keyboard**: this mode decreases the battery life. The screen is off and the keypad is always active.
To exit this mode: press any key to light up the screen.

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.

Contacts

- **Contacts list**: This menu allows you to select the default phonebook (SIM, Phone, SIM and Phone) displayed when the phone switches on.
- **Sorting**: This menu allows you to select the way to sort contacts in the phonebook (by name or first name).

Contrast

This menu is used to adjust screen contrast.

Adjust the contrast using the navigator.

Messaging

This menu allows you to set SMS or MMS sending options and to enter the voicemail number (see chapter **Messaging** page 35).

Connectivity

You can exchange various data with other devices (PC, mobile phones, personal assistants, printers, etc.): pictures, sounds, photos, To Do tasks, organiser events, contacts, etc.

Data exchange can be done through:

- a USB cable,
- a *Bluetooth*[®] connection.

Bluetooth[®]

Bluetooth[®] is a technology used to establish a wireless connection with other *Bluetooth*[®] equipped devices: for example, with a pedestrian kit or a car kit to phone or with a PC to swap data. The range is about 10 m.

The *Bluetooth*[®] menu contains the following entries:

Paired devices

This menu lets you draw up the list of devices with which the *Bluetooth*[®] connection is secure (by authentication and encryption).

A device must be added to this list before it can be used in *Bluetooth*[®] with your phone except for exchanging objects. When you select send by *Bluetooth*[®] (photo, Todo task, contact details, etc.) the phone displays the list of devices. You do not need to select a device from this list at this time, you can start a one-off search for a device when you initiate sending.

See below for the pairing procedure.

Mode

With this menu you can, on the one hand, activate and deactivate the *Bluetooth*[®] function and, on the other, when the *Bluetooth*[®] function is activated, select whether you want other *Bluetooth*[®] devices to be able to detect your device.

- **Hidden:** your phone is not visible. It cannot be detected by other *Bluetooth*[®] devices. In this mode, a device can only connect to your phone using *Bluetooth*[®] if you have already paired it. This mode lets you detect other devices and pair with them from your phone.
- **3 min. visible:** your phone is visible for a period of 3 minutes. During this period, it can be detected by the other *Bluetooth*[®] devices. Select this mode when a pairing with your phone has been initiated from another *Bluetooth*[®] device.
- **Always visible:** your phone is visible and can be detected by the other *Bluetooth*[®] devices as long as this mode is selected.
- **Off:** the *Bluetooth*[®] function is not available.

IMPORTANT:

- The **Off** option ensures the best battery life for your phone.
- *Bluetooth*[®] security is better guarded because your phone remains invisible to the other devices.

Bluetooth[®] name

This is the name used to identify your phone when it is detected by another *Bluetooth*[®] device.

Pairing procedure

Select **Paired devices/New Device**.

If the *Bluetooth*[®] function is not active, the phone prompts you to activate it using one of the 3 modes described above.

The phone searches for visible *Bluetooth*[®] devices and displays the list. Select the device concerned and validate your choice. Your phone then prompts you to enter a code which must be the same as the code entered on the remote device. Enter and validate this code: Your phone is now paired with the remote device. A connected device is shown in blue in the list.

[**Options**] on the selected name of a device lets you access the following options:

- **Delete:** this is used to delete the device. **WARNING:** using this function needs starting the pairing over again.
- **Rename:** this is used to modify the name of the device.

- **Delete all:** this is used to delete all your devices. **WARNING:** using this function needs starting the pairing over again.
- **Activate:** this is used to activate the connection with the device.
- **Deactivate:** this is used to deactivate the connection with the device.
- **Properties:** this is used to display the list of the device's *Bluetooth*[®] services.

Notes:

- Refer to the user manual of the device with which you are pairing to find out how to set this device to the mode allowing this operation.
- The code of the remote device may be predefined by the device manufacturer. In this case, refer to the user manual of this device to find out this code.

Car kit/Headset

This menu allows you to activate or deactivate the Automatic response option when the phone is connected to a pedestrian kit or a car kit.

SyncML

Two selections:

- **Network (OTA):** you can synchronize your phonebook, your organizer or your ToDos with your archives stored in your operator's network depending on the options offered by your operator with a GSM or GPRS connection from your phone.
- **Local:** you can synchronize your phonebook, your organizer or your ToDos with your archives stored in your computer. Use the Wellphone software and configure your USB connection in your phone or activate *Bluetooth*[®].

USB Mode

This menu allows you to select a mode to connect the phone to a PC with a USB cable available as an accessory.

At plugging-in

If you select this option, when connecting a USB cable, the phone asks you to select the mode you want.

USB key

This mode allows you to exchange data between a PC and the phone memory (the one containing the pictures and sounds' files) or the memory card.

After connection of the USB cable between the phone and the PC, the phone memory and the memory card are displayed as additional memories in the Windows explorer files directory.

Modem

This mode is a communication mode between the phone and a PC. It allows you to exchange data (visit cards, contacts) between the phone and a PC.

After connection of the USB cable between the phone and the PC, you must use the MPAS software (My Pictures And Sounds available on www.planetsagem.com) or the Wellphone software (available on www.wellphone.com).

Note: 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.

Notes when the phone is connected to a personal computer in USB key mode:

- The memory card is not detected by the phone. Consequently, if you have configured your phone with a wallpaper or a ring tone stored in the memory card, these will not be used during the connections.
- Camera is not available in photo mode.

Calls

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

Call divert

Depending on your subscription, this service allows you to forward incoming calls to a different number or to the voicemail. Choose the type of forwarding you want from the options available.

Counters

This menu allows you to consult the duration of the last calls. It can also be used to check the volume of data exchanged in GPRS.

Display numbers

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

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

Anonymous mode

You have the ability 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.

My number

- **For outgoing calls:** status of the Display numbers function.
- **For incoming calls:** status of the Display numbers function when you have forwarded the incoming calls to another number.

Caller's number

- **For outgoing calls:** status of the Display numbers function when your call is forwarded to another number.
- **For incoming calls:** status of the caller's Display numbers function.

Call waiting

(Network 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).

You can **activate**, **deactivate** or check 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.

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 their 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).

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

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

Voicemail

This is used to store your voicemail access number.

New number

After an incoming or outgoing call with a number not stored in the phonebook, this option allows you to activate or deactivate a request to store the number in the phonebook.

Network

This menu allows you to configure network preferences.

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

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

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

Security

PIN

This menu allows you to activate and modify your phone's PIN. To modify the PIN, select **Modify PIN** and [**Select**].

Enter old PIN and validate.

Enter new PIN twice and validate.

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

Enter PIN and validate.

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

PIN2

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

Proceed as above in order to 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

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

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.

Select **Check** and [**Select**].

Enter 0000 (the default factory code) 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

This menu allows the activation or deactivation of automatic deletion, after power off/on, of outgoing calls or organizer events.

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

Operator

This menu allows you to modify the call barring.

Access to this service depends on your type of subscription.

Call barring

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

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

Access to this service depends on your subscription type.

To activate call barring:

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

Fixed dialling

This menu allows you to restrict the outgoing calls.

The availability of this menu depends on your SIM.

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.

Cost

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

Browser

This menu allows you to set various parameters needed for Vodafone live! browser connection.

You can add or modify URL addresses.

Java™

This menu allows you to set various parameters to download Java™ applications. It allows you to display the memory available for Java™ applications.

Multimedia

Player

This menu allows you to select the music play options.

Camera

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

- **Timer duration:** this menu enables you to take a photo with a 5, 10 or 15 second time delay.

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

- **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.
- **Photo quality:** This menu allows you to select the photo quality.

Storage

This menu allows you to select (phone memory or memory card) where the sounds, pictures or applications downloads will be stored.

Help

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

Technical features

Weight: 80 g

Size: 107 x 47 x 11.8 mm

Original battery: Li-ion

Battery life calls/standby: up to 3 h/220 h (these values are theoretical ones and given for information only)

Multimedia objects supported:

- Audio formats: iMelody, Midi, wav, MP3, AAC, AMR, AMR NB
- Image formats: wbmp, bmp, png, gif, animated gif, jpeg

Size of memory available for messages: 100 messages

Size of memory available for MMS, the phonebook and the multimedia objects: up to 1.5 MB

Memory card maximum size: 4 GB

Maximum size of each message:

- SMS: < 160 characters
- MMS: < 300 kB for outgoing messages, 100 kB for incoming messages (depends on the phone configuration and on the operator reservations)

Operating temperature: from - 10 °C to + 55 °C

CE Declaration of Conformity

Déclaration CE de Conformité

Fabricant
Manufacturer

Sagem Mobiles

Adresse
Address

Le Ponant de Paris
27 rue Leblanc - 75015 Paris - FRANCE

Déclare sous sa responsabilité que le produit
Declares under our sole responsibility that our product

Nom du produit
Product Name

Dual Band GSM/DCS BT – BX2008S2+ (Vodafone 527)

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
EN 301 489-17

Réseau (Network)

3GPP TS 51.010-1 v 7.8.0 avec GCF-CC v 3.28.0 inclus
(3GPP TS 51.010-1 v 7.8.0 selected with GCF-CC v 3.28.0 included)
EN 301 511 V9.0.2
EN 300 328-2

Santé (Health)

EN 50360, EN 50361

FM

EEC Directive 2004/108/EC

CEM (EMC)

EN 55013
EN 55020

Lieu et date
(Place and date of issue)

Erny St. Christophe - 10th April, 2008

Signature

Rebelle

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 ensure 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 1.31 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>)

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

(**) *Please see the Distance of operation section about body worn operation, on page 67.*

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.

Safety

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

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

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

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

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

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

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

Electrical safety

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

Aircraft safety

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

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

Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

Explosive materials

Please comply with warning signs at petrol stations 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 leave electronic devices close to your phone for long periods.

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.

Distance of operation

This phone model has been tested and meets radiofrequency exposure guidelines when used as follows:

- **against the ear:** make or receive a phone call and hold the phone as you would a wireline telephone,
- **body worn:** when transmitting, place the phone in a carry accessory that contains no metal and positions the phone a minimum of 1.5 cm from your body. Use of other accessories may not ensure compliance with radiofrequency exposure guidelines. If you do not use a body worn accessory and are not holding the phone at the ear, position the phone a minimum of 1.5 cm from your body,
- **data operation:** when using a data feature, position the phone a minimum of 1.5 cm from your body for the whole duration of the data transmission.

Accessories

We advise you the use of SAGEM brand accessories for optimal operation of your phone and accessories.

Using the music player



This product has been designed to comply with prevailing legislation regarding the limitation of maximum audio volume levels.

- Prolonged listening at high volume with a headset or earphones can damage your hearing.
- If you experience ringing in your ears, reduce the volume or stop using the product.
- Only use the headset or earphones supplied with the product or else use compatible accessories. The list of compatible accessories can be consulted on our Web site: <http://www.sagem.com>.

Environment

Packaging

To facilitate the recycling of packaging materials, please obey the sorting rules instituted locally for this type of waste.

Batteries

Spent batteries must be deposited at the designated collection points.

The product



The crossed-out waste bin mark affixed to the product (including its accessories) means that it belongs to the family of electrical and electronic equipment.

To promote the recycling and recovery of waste electrical and electronic equipment (WEEE) and at the same time safeguard the environment, European regulations require you to comply with the selective waste sorting rules instituted locally for this type of waste.

Warranty

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

Any software program in the phone is either the exclusive property of Sagem Mobiles or is licensed to Sagem Mobiles by third parties. It is therefore highly prohibited to modify, translate, decompile or disassemble this software program or any part thereof.

Use precautions

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

For this reason, Sagem Mobiles 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 Mobiles states that a failure caused by receiving downloaded data that do not comply with the specifications set by Sagem Mobiles 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 licence agreement, to use any content that you download. Furthermore, Sagem Mobiles does not guarantee the accuracy or 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 Mobiles cannot be held responsible for this content or 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 the purchasing paperwork obtained from the vendor. If a fault occurs, the vendor will indicate what action is to be taken.

1. The new phone (excluding consumables), including new accessories bundled with the phone, are guaranteed by Sagem Mobiles, parts and labour (apart from travel) against any manufacturing fault for a period of twenty four months (except for batteries for which the period is twelve months) with effect from the sale of the phone to the customer, on presentation of the paperwork indicating 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 the following two dates:

Expiry of the guarantee period of twenty four months stated above or three (3) months with effect from the date of support provided by Sagem Mobiles.

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 in no way affected by this guarantee.

In any disputes, the phone is covered by the legal warranty against the consequences of faults or hidden defects.

2. All faulty phones under warranty will be replaced or repaired free of charge at Sagem Mobiles's option (with the exclusion of repair of any other damage), including transport costs between Sagem Mobiles authorised repair centre and the point of sale. Transport costs between the End User and the point of sale will be borne by the End User. Subject to essential legal provisions, Sagem Mobiles does not accept any warranty, explicit or implicit, other than the warranty provided expressly in this chapter, nor shall Sagem Mobiles 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 requires a purchase document that is legible and with no modifications, stating vendor's name and address, date and place of purchase, type of phone and IMEI, be 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 back up at his expense the customised data stored in the phone (phonebook, settings, wallpapers). A list of backup facilities can be provided by Sagem Mobiles on request. The responsibility of Sagem Mobiles 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 Mobiles 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 Mobiles 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 Mobiles. 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, 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 usage 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, etc), to modifications of the phone made without the written consent of Sagem Mobiles, 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 humidity, effects of variations in electric voltage, interference from the mains network or earth) or even due to a repair, a call-out (opening or attempt to open the phone) or to servicing done by personnel not approved by Sagem Mobiles.

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

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 failures of the access network, the failure of the subscriber's or correspondent's line, transmission fault (poor geographic coverage by radio transmitters, interference, disturbance, failure or poor quality of phone lines, etc), a fault inherent in the local network (cabling, file server, user phone) and/or transmission network fault (interference, disturbance, failure or poor quality of the network, etc).

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

Faults or disruptions resulting from the use of products or accessories not compatible with the phone. Phones returned to Sagem Mobiles that do not comply 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 the 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 Mobiles 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 protecting consumers under their national legislation, this provision shall not apply, but all other provisions shall remain valid.

End User Licence Agreement (EULA), for the software

CONTEXT AND ACCEPTANCE OF THE AGREEMENT

You have acquired a Mobile Phone device ("DEVICE"), manufactured by Sagem Mobiles (SAGEM), that includes software either developed by SAGEM itself or licensed third party Software suppliers ("SOFTWARE COMPANIES") to SAGEM with the rights to sub-licence it to the purchaser of the device. These installed software products, regardless of their company of origin, and whether the name or 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 WITH THIS END USER LICENCE 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.

GRANTING OF SOFTWARE LICENCE RIGHTS

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 licence agreement(s) provided with such component(s). In the absence of an end user licence 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,

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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.

Software Transfer. You may not permanently transfer any of your rights under this EULA with regard to the DEVICE Software or Companion CD, except as permitted by the applicable Mobile Operator. In the event that the Mobile Operator permits such transfer, you may permanently transfer all of your rights under this EULA only as part of a sale or transfer of the DEVICE, provided you retain no copies, you transfer all of the SOFTWARE (including all component parts, the media and printed materials, any upgrades, this EULA and,

if applicable, the Certificate(s) of Authenticity), and the recipient agrees to the terms of this EULA. If the SOFTWARE is an upgrade, any transfer must include all prior versions of the SOFTWARE.

Software Rental. You may not rent or lease the SOFTWARE.

Speech/Handwriting Recognition. If the SOFTWARE includes speech and/or handwriting recognition component(s), you should understand that speech and handwriting recognition are inherently statistical processes; that recognition errors are inherent in the processes; and that errors can occur in the component's recognition of your handwriting or speech, and the final conversion into text.. Neither SAGEM nor its suppliers shall be liable for any damages arising out of errors in the speech and handwriting recognition processes.

NOTICE REGARDING THE MPEG-4 VISUAL STANDARD.

The SOFTWARE may include MPEG-4 visual decoding technology. MPEG LA, L.L.C. requires the following notice:

USE OF THIS SOFTWARE IN ANY MANNER THAT COMPLIES WITH THE MPEG-4 VISUAL STANDARD IS PROHIBITED, EXCEPT FOR USE DIRECTLY RELATED TO (A) DATA OR INFORMATION (i) GENERATED BY AND OBTAINED WITHOUT CHARGE FROM A CONSUMER NOT THEREBY ENGAGED IN A BUSINESS ENTERPRISE, AND (ii) FOR PERSONAL USE ONLY; AND (B) OTHER USES SPECIFICALLY AND SEPARATELY LICENSED BY MPEG LA, L.L.C.

If you have questions regarding this Notice, please contact MPEG LA, L.L.C., 250 Steele Street, Suite 300, Denver, Colorado 80206; Telephone 303 331.1880; FAX 303 331.1879

Termination. Without prejudice to any other rights, SAGEM may terminate this EULA if you fail to comply with the terms and conditions of this EULA. In such event, you must destroy all copies of the SOFTWARE and all of its component parts.

Consent to Use of Data. You agree that SOFTWARE SUPPLIERS may collect and use technical information gathered in any manner as part of product support services related to the SOFTWARE. SOFTWARE SUPPLIERS may use

this information solely to improve their products or to provide customised services or technologies to you. SOFTWARE SUPPLIERS may disclose this information to others, but not in a form that personally identifies you.

Internet Gaming/Update Features. If the SOFTWARE provides, and you choose to utilise, the Internet gaming or update features within the SOFTWARE, it is necessary to use certain computer system, hardware, and software information to implement the features. By using these features, you explicitly authorise SOFTWARE SUPPLIERS to use this information solely to improve their products or to provide customised services or technologies to you. SOFTWARE SUPPLIERS may disclose this information to others, but not in a form that personally identifies you.

Internet-Based Services Components. The SOFTWARE may contain components that enable and facilitate the use of certain Internet-based services. You acknowledge and agree that SOFTWARE SUPPLIERS may automatically check the version of the SOFTWARE and/or its components that you are utilising and may provide upgrades or supplements to the SOFTWARE that may be automatically downloaded to your Device.

Links to Third Party Sites. The SOFTWARE may provide you with the ability to link to third party sites through the use of the SOFTWARE. The third party sites are not under the control of SAGEM. Neither SAGEM nor its affiliates are responsible for (i) the contents of any third party sites, any links contained in third party sites, or any changes or updates to third party sites, or (ii) webcasting or any other form of transmission received from any third party sites. If the SOFTWARE provides links to third party sites, those links are provided to you only as a convenience, and the inclusion of any link does not imply an endorsement of the third party site by SAGEM or its affiliates.

Additional Software/Services. The SOFTWARE may permit SAGEM to provide or make available to you SOFTWARE updates, supplements, add-on components, or Internet-based services components of the SOFTWARE after the date you obtain your initial copy of the SOFTWARE ("Supplemental

Components").

If SAGEM provides or makes available to you Supplemental Components and no other EULA terms are provided along with the Supplemental Components, then the terms of this EULA shall apply.

SAGEM reserves the right to discontinue any Internet-based services provided to you or made available to you through the use of the SOFTWARE.

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UPGRADES AND RECOVERY MEDIA

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Java™

When running a Java™ application, you may be prompted to grant access to protected features. These features are protected because using them could incur a cost, or involve your personal data. 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 the 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 Mobiles 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, such as 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.

All these MIDP 2.0 features cannot be displayed on MIDlet installed in the handset: an advanced access control system is implemented in the device to protect your private data and airtime consumption.

Access controls are collected in 9 security groups:

- Network access
- Auto invocation
- Phone call
- Local connectivity
- Messaging receive
- Messaging sending

- Read User data
- Write User data
- Multimedia recording

Each of these security groups has one of 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. Security permissions are different for "uncertified" or "certified" MIDlets.

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.

If you do not want to enter the security menu, simply select the "Back" button. You can proceed by selecting "OK" button.

The menu displayed allows you to increase or decrease the 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, the mobile phone asks you to confirm your increased risk exposure.

The maximum risk exposure increase is limited by the security status.

What is Java™?

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.

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 up of 2 files:

- The JAD file
- The JAR file

JAD file stands for **J**ava™ **A**pplication **D**escriptor. It is a small file describing the content of a JAR file.

JAR file stands for **J**ava™ **A**rchive. It refers to the application data themselves (program, images, sound). A JAR file can have a size of up to 200 KB.

Note: In rare circumstances, MIDlet vendors may provide no JAD file and the MIDlet is just the JAR file. In such a case it is your sole responsibility to assess the risk of downloading the JAR file without any possibility of consulting the JAD file.

Downloading a MIDlet (Java™ game or application)

MIDlets are easily downloaded to 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.

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

The popup displays information below:

- Name of the MIDlet, Version, Size, Name, Security status, URL.

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

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, a message similar to this one may be displayed: "Your handset cannot identify the application, please be sure of the source of the application before installing the application".

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Disclaimer

Some downloaded items may contain data or may induce actions which may cause malfunctioning of your mobile phone or loss or corruption of data or abnormal increase of your airtime consumption.

You expressly acknowledge that the download of any applications including Java™ applications or games is done under your exclusive responsibility. In no event shall Sagem Mobiles, your network service provider or their affiliates be liable for any lost profits or costs of procurement of substitute goods or services, loss of profits, interruptions of business, loss of data or for any special, indirect, incidental, economic, or consequential damages arising under contract, tort, negligence, or other theory of liability relating to the download of any application by any means, including Java™ applications or games in SAGEM devices. You expressly acknowledge that any applications including Java™ applications or games are provided strictly «as is». Sagem Mobiles and/or your network service provider extend no warranty whatsoever thereto. Sagem Mobiles and/or your network service provider disclaim any express, implied or statutory warranty of merchantability, fitness of any applications including Java™ applications or games for a specific purpose, satisfactory quality, security or otherwise.

Troubleshooting

The phone won't start and/or won't take a charge

The battery has completely lost its charge.

Connect the phone to the charger for between 5 and 30 minutes. The phone will only switch on after it has been charging for a few minutes.

You may use the phone again when the Start option is displayed on the screen.

If the phone still won't start after 30 minutes charging, contact customer service.

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 network 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.

SIM BLOCKED

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

- Enter the PUK (Personal Unblocking Key) code provided by Vodafone, and validate.
- Enter your PIN and validate.
- Enter your PIN again and validate.

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

SIM LOCKED

In certain cases, the handset can only be used with some types of SIM cards. This message means that the SIM card you are using does not match the phone. Take the SIM card out, and switch the phone on again. If the message **SIM not present** appears on the screen, you will need to check its compatibility with the phone vendor. If not, please contact your after-sales service.

No call connection

Check that the number you have dialled is correct.

If the icon **+** is displayed 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 incoming calls received

Try to make a call in order to check that the phone and the network 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.

Poor reception quality when calling

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

No voicemail

Check that your subscription does offer this service.

Program the call to be forwarded to voicemail using the information provided by Vodafone, see page 57.

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 voicemail number is properly configured. To do so, go to the **Settings/Calls** menu, select **Voicemail** and check the number. Otherwise, enter Vodafone voicemail number.


If voicemail icon flashing

Call voicemail and listen to the new messages to make it disappear.

Network provider name does not appear on screen

Go into the **Settings** menu, select **Network**, then **Selection**. Wait until the network provider name appears, select it and validate.

How do I switch to silent mode?

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


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

The icon means you have received text messages. To delete it, read your message. If the icon flashes, memory is full, you must delete messages.

How do I delete the voicemail icon that appears on the screen?

This voicemail means that you have received a voice message: please call your voicemail and listen to it. Please follow the instructions given.

How do I remove the written message in the idle screen (1 call)?

Press the  key to go back to the idle screen without messages.

How do I free up memory to download my objects

Go into the **My Files** menu and delete some objects.

How do I free up memory to receive new messages?

Manage your Outbox carefully. It is recommended not saving sent messages 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 **Messaging** 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 in a Vcard, please save or delete them.

Poor screen legibility

To ensure optimal screen legibility, follow the recommendations below:

- check that you have removed the plastic protective film,
- clean the screen of your telephone with a soft dry cloth to remove any finger marks or dust,
- make sure the background brightness is not too strong.

Customer care

Austria	01 36 02 77 16 64
Belgium	02 62 77 016
Czech Republic	296335686
Croatia	0800 222 722
France	0 892 701 799 (0,34 €/mn)
Germany	01805 843 850
Greece	00800 44 14 20 38
Hungary	06 1 7774 839
Ireland	0 160 58 355
Italy	800 800 485
Morocco	0810 800 10
Netherlands	020 65 45 724
Poland	0801 801 101
Romania	0800 89 45 21
Russia	495 258 54 33
South Africa	011 369 7870
Spain	91 375 3376
Switzerland	02 25 67 53 99
United Kingdom	0870 24 05 613

**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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