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Capital 300 272 000 € - 480 108 158 158 RCS PARIS
Société Anonyme
www.sagem.com/mobiles
Le Point de Paris - 27, rue Leblanc - 75512 PARIS CEDEX 15 - FRANCE

Mobile Communication Business Group

SAGEM Group

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Care and safety information.
to the section.
Please read the safety precautions carefully to ensure the correct
and safe use of your mobile phone. For detailed information, refer
of any kind, expressed or implied.
Every effort has been made in the preparation of this manual to
ensure accuracy of the contents, but all statements, information,
and recommendations in this manual do not constitute a warranty.
The information in this manual is subject to change without notice.

Notice

ENGLISH



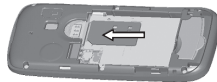
User Manual Vodafone 226



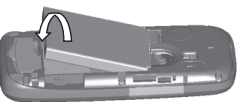
Battery & SIM card

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

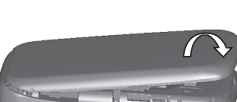
- Slide the SIM card, with cut corner as shown on the phone, into the card holder with fold face down.



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



- Replace the back cover, making it slide.



Charging the battery

Your phone is powered by a rechargeable battery. A new battery must be charged for at least 4 hours before being used for the first time. It reaches its optimum capacity after a few cycles of use. When your battery has been discharged, the phone displays the state (empty battery icon flashes). In this case recharge your battery for at least 15 minutes before making any more calls so as to avoid being cut off mid-call.

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

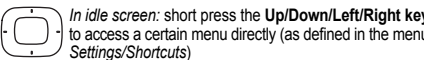
WARNING
There is danger of explosion if the battery is placed in an incorrect way or if it is exposed to fire.
Do not short circuit it.
The battery does not have any part that you can change.
Do not try to open the battery casing.
Use only the appropriate chargers and batteries as shown in the phone manufacturer's catalogue.
The use of other types of chargers or batteries may be dangerous and invalidate the warranty.
Used batteries must be disposed of in the appropriate places.
We advise you to take the battery out if you plan not to use the phone for extended periods.
You are strongly advised not to connect your phone to the charger if it doesn't contain a battery.
The charger is a safety step-down transformer, it is forbidden to modify, alter or replace it by another component (power supply plug, etc).
If the battery is 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.

Technical features

Weight: 65g
Size: 103 x 46 x 11
Original battery: Li-Ion 670 mAh
Battery life calls/standby: up to 3 hours, up to 240 hours (these values are theoretical ones and given for information only)
Operating temperature: from -10°C to +50°C
The technical characteristics of the product are subject to change without notice.

Key description

- Red key:**
In idle screen: Long press : Switch on/off
In call context: Reject a call - hang up
In menus: Return to idle screen
- Green key :**
In idle screen: Short press: Fast access to the list of calls
In call context: Call - receiving a call
- Right soft key:**
In idle screen: Access to certain functions (shortcuts)
In other screens: Chooses the function shown directly above the soft key, usually Back, Delete or Cancel
- Left soft key:**
In idle screen: Access to main menu
In other screens: Chooses the function shown directly above the soft key, usually Select, OK or Save



In idle screen: short press the **Up/Down/Left/Right key** to access a certain menu directly (as defined in the menu *Settings/Shortcuts*).
Up key: Previous choice/increase value/up
Down key: Next choice/decrease value/down
Left key: Previous input field/move left
Right key: Next input field/move right
During a call: Increase/Reduce volume

In the remaining, we will refer to this key as **OK key**
In idle screen: Access to main menu
In menus: Context-sensitive access to different functions
During a call: Access to in-call menu

Long press: lock the keypad
Short press: **OK key** to unlock the keypad
When composing a message:
Short press: switch from one input mode to another (Eng, upper case/lower case, 123 mode)

In idle screen: Long press: activate/deactivate the silent mode
When composing a message:
Short press: display the symbol table

0 to 9 **Alphanumeric keys**
Press corresponding keys to input numbers when dialing or numbers and characters when editing
Long press[0]: to input "+" for international access
Long press[1]: to call voicemail
Short press[2-9] then **Green key:** to call the contact specified in the menu *Contacts/Contacts menu/Speed dial*

Screen content description

The idle screen may contain the following information:

- The title bar icons:
 - Battery
 - Silent mode (the ringtone is off)
 - Call forward
 - Roaming
 - Signal strength level (between 0 and 5 bars)
 - Message received (read your message)
 - Alarm
 - Voice message (at least 1 message that hasn't been listened to in the Voicemail)
- Network provider
- Date and time
- The following information may also be displayed:
 - +1 New message or +1 missed call (incoming call failed).
- It can be deleted by pressing the **Red key** briefly.

Soft keys

Two soft keys (left and right) perform the actions indicated by the icon above them (respectively on the bottom left and bottom right sides of the screen).
Here is the list of possible actions of the left soft key:

- | | |
|---------------------|----------------|
| Enter the main menu | Shortcut |
| Options | Delete |
| Ok/Yes/Select | Back/No/Cancel |
| Save | Disconnect |

- | | |
|-----------------------|-------------|
| Search | Resume/Hold |
| Go to date (Calendar) | Mute/Umute |
| Reset (Call duration) | |

Main Menu description

- | | |
|---|--|
| Contacts Contacts menu | Settings Display Sounds Date / Time Shortcuts Own number Automatic keypad lock Call Network Security Factory default |
| Messages Write message Inbox Sentbox Drafts Voicemail Settings Local info. | Extras Calculator Calendar mySudoku Conversion Service |
| Calls Received Missed Dialled Call duration | Alarm |

Using your phone

Switching on

Press and hold the **Red key** to switch your phone on.

A short display appears.

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

WARNING

When a wrong PIN number is entered three times consecutively, your SIM card will be locked. To activate it:

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

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

Then the mobile searches a network to lock on and displays on the screen for you to use.

Making a call

Dial the number of your correspondent and press the **Green key**. During the call, the tones may indicate the establishment of the call. Once communication has been established, you can adjust the sound level (volume) using the **Up/Down keys**. At the end of the conversation press the **Red key** to hang up.

International call
Long press 0 to display "+*", then dial the country code without waiting for the dial tone, then the number of the called party.

Emergency services

To obtain the international emergency service, dial **112** then press the **Green key**. Depending on the operators you can obtain the emergency service with or without SIM card or when the keypad is locked. It is enough to be in an area served by a network.

Receiving a call

When you receive a call, the number of your correspondent is displayed when it is presented by the network.
Press the **Green key** or the **Left soft key** to answer, and speak.
To refuse the call, press the **Red key**.
To stop the ring tone or the vibrate, without refusing the call, press the **Right soft key**.

Hands-free mode

To change to hands-free mode during a call, make a short press on the **Left soft key** and select **Speakerphone**, then press the **OK key** or the **Left soft key** to confirm activation of the amplified mode.

WARNING: in this mode do not bring the phone up to your ear.

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

Switching off

Press the **Red key** for five (5) seconds.
The end message is displayed. The phone switches off.

Contacts

Using the contacts

Enter the *Contacts menu*, the contacts list is displayed if you already have some (otherwise, go to *Storing a new contact*).
When a contact is selected, an icon is displayed in the title bar. You can search for a contact quickly by typing the first letter.

Storing a new contact

From the *Contacts menu*, select *Add contact* and press the **Left soft key** to enter the menu.

- Choose the place where you wish to store the contact (SIM card or phone) using the **Up/Down keys**, and validate.
- Select name and press the **OK key**, enter name of your correspondent and press the **OK key** again to confirm.
- Select number and press the **OK key**, enter phone number and press the **Left soft key** or the **OK key** to confirm.
- Press the **Left soft key** to store it.

Copy / Delete contact

From the *Contacts menu*, select *Copy all* to copy all the SIM contacts to the phone memory or all the phone contacts to the SIM card. Select *Delete all* to delete all the SIM entries or all the mobile phone entries.

Fixed dial

This menu allows you to restrict the outgoing calls. The availability of this menu depends on your SIM.
From the *Contacts menu*, select *Fixed dial* menu and validate.
Enter PIN2 number and validate.
When activating this function, only the numbers stored in the fixed dialling can be called. This phonebook is linked to the SIM card, and its size depends on the card's capacity.

Speed dial

1. You can assign any one of the 8 numbers from 2 to 9 to specific contact. Enter the specific contact numbers, then press the **Green key** to make a speed dial in the home page only.
To set up the speed dial, from the speed dial menu, select *"Invalid record"* to the *"Select contact"*, then enter *Contacts list* to select a contact.

If a contact is used in the speed dial, you can press the **Left soft key** for available functions.

2. Enter the sequential phone contact number (only for the contacts stored in the SIM card memory) with "*" key, (example : 21#), the contact will be displayed.

Calls

This menu allows you to access the list of last numbers used.
Enter *Calls menu*, you can access the call log divided into three lists that you can display with the navigator key: Received, Missed and Dialed calls. Each call has information on type of call, date and time. Select a call from the list and validate, various options are proposed: Call, Send message, Delete, Save etc.
You can also make a call to a number by pressing the **Green key**. Fast access to the list of calls from the idle screen: press the **Green key**.

Messages

Compose & send message

From *Messages menu* select the *Write message* menu and validate. The number of characters in an SMS is limited to 160 characters (or even less in the case of exotic languages). When typing a text, a counter showing the number of characters deducted is displayed at the top of the screen.
When the text has been entered, press the **Left soft key**.
- select *Send*, to send the message by entering the receiver's number or selecting it in the contacts.
- select *Save to drafts*, if you do not want to send message immediately or if you want to send it several times; it is saved in the *Drafts*.
- select *Send and save*, to send the message by entering the correspondent's number while saving a copy in the *Sentbox*.

Receiving messages

When you receive a message, a melody (defined in the menu *Setting /Sounds/SMS*) warns you and a message icon is displayed on the screen.
You can press the **Left soft key** to read the new message directly. If you do not read the messages, this icon remains displayed on the screen. When it flashes, the memory is full. Received messages are stored in the SIM card or in the phone until you choose to delete them.

Local information

This menu is used to activate reception of local information broadcast by the network. You can choose whether you want to receive this information or not (please contact your network provider for more details).

Voicemail

This function allows you to call your voicemail number and listen to voicemail. If your voicemail number has not been entered yet, you must enter it in the menu *Messages/Voicemail/Voicemail number*. If your voicemail number is stored, you can quickly access your voicemail from the idle screen via a long press on key 1.

Extras

This menu allows you to access the various extra features offered by your phone.
Calculator
This menu allows you to use your phone as a calculator.
Calendar
This menu allows you to display a calendar.
mySudoku
Your phone is supplied with mySudoku game.
Conversion
This menu allows you to convert one currency to another.
Services
This menu allows you to access numerous services offered by your operator. The list of these services will appear in the menu depending on your subscription.

Alarm

From the *Alarm menu*, select either *Alarm 1*, or *Alarm 2*, or *Alarm 3* and validate.
To activate or deactivate the alarm, select *On* or *Off* and validate.
If *On* is selected, you can set the waking time by entering the numbers directly or using the **Up/Down keys** and validate.
The alarm icon appears on the home page.
The alarm works even when the phone is switched off.

Settings

Date and Time

From the *Date / Time* menu, select:
Set date / time: set the time by entering it directly in digital format or by using the **Up/Down keys**, then use the **Right key** or **Left key** to access the next (or previous) input field. Once the time is correct, accept it.
Date: same procedure as for setting the time.
Date format: it allows to choose which date format shall be used.
Use the **Up/Down keys** to select date format and validate.
Date separator: it allows choosing which mark to use for dividing date display (19/01/07). Use the **Up/Down keys** to select and validate.
Time format: it allows choosing which time format to use.
Use the **Up/Down keys** to select 12 hours or 24 hours and validate.
Display: select the desired display type, either None or Analog or Digital.

Shortcuts

The **Left/Right/Up/Down keys** can be customized as shortcut of the following features: None, Main menu, Inbox, Contacts, Calls, Alarm. This menu allows you to customize the settings of your phone to make it as convenient as possible.
In the menu *Settings/Shortcuts*, select the key that you wish to customize and validate. Choose then the function that you want to access through this key and validate.

Lock /unlock keypad

On the *Settings menu*, please select the *Automatic keypad lock* menu and validate.
If the automatic keypad lock is activated, the keypad will be locked after 30 seconds of inactivity.
When the keypad is locked, emergency calls are still possible.
In order to unlock your keypad, press the *** key** then the **OK key**.

Sounds

This menu allows you to customize the ringtones, to adjust the volume and set the vibrating mode.
From the *Sounds menu*, choose *Call/SMS/Alarm* menu and validate.
Use the **Up/Down keys** to select the ringtones from the proposed list and validate.
From the *Sounds menu*, choose *Volume* menu and validate.
Adjust the volume of the ringtones using the **Left and Right keys** of the navigator.
Note that the keypad beeps can be deactivated by reducing their volume to zero.
During a call, you can also use the navigator keys to adjust the call volume.

Any key answer

If you choose enable, you can press any key to answer the incoming call except the **Red key** and the **Right soft key**.
On the *Call menu*, please select the *Any key answer* menu and validate. You can set the function to enable or disable.

Call waiting

While you are already in a call, the Call waiting function informs you thanks to a special tone that someone else is trying to call you. Simultaneously, the name and/or phone number of the person who is trying to call you is displayed on the screen.
Note that the availability of this service depends on your operator.
In the menu *Call/Call waiting*, you can activate, deactivate, or consult the status of the call waiting service.

Call forward

The Call forward function allows you to divert the incoming calls to your voicemail or to another phone number.
Note that the availability of this service depends on your operator.
In the menu *Call/Call forward*, choose the type of forwarding from the available options.

Call barring

The Call barring function allows you to block the incoming and/or outgoing calls, either permanently or when you are abroad and if a roaming service is available.
Note that the availability of this service depends on your operator and requires a specific password provided by your operator.

Security

PIN: this is your SIM's secret code. If access to the SIM card is protected, the phone prompts you to enter the PIN number: 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.
After activate or deactivate the PIN, you must input the correct PIN.
PIN2: you have a second PIN number to allow you to access certain functions. These functions may or may not be available depending on your SIM card.
Phone code: when the Phone code is activated, it prevents anybody to use your phone with another SIM card than yours. Practically, you will be prompted for the phone code anytime you change the SIM card.

Care and safety information

SAR

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 1.29 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 in the "Safety" section.

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-enf/WHO_Fact_sheet_193: June 2000.

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 obey the sorting rules instituted locally for this type of waste.

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 or higher than +50°C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures. Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

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

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

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

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

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

Electronic equipment

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

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

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

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

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

- **against the ear:** place 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 an optimal operating of your phone and of your accessories.

Warranty

You must always use your phone for the purpose for which it was designed, under normal operating conditions. Sagem Communication declines all responsibility for any use outside of the scope of its designed purpose and for any consequences of this use. The software program developed by SAGEM remains the exclusive property of Sagem Communication. It is therefore highly prohibited to modify, translate, de-compile or disassemble this software program or any part thereof.

Usage precautions
Your phone allows you to download ring tones, icons and animated screensavers. Some of these items may contain data that may cause malfunctions of your phone or data losses (virus for example). For this reason, Sagem Communication 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 Communication states that a failure caused by receiving downloaded data that do not comply with the specifications set by Sagem Communication is excluded from the warranty. Consequently, the diagnosis and repair of a phone infected by the said downloaded data will be at the expense of the customer.

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

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

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

If a fault occurs, he will advise you.
1. The new phone (excluding consumables), including new accessories bundled with the phone, are guaranteed by Sagem Communication, parts and labour (apart from travel) against any manufacturing fault for a period of twenty-four (24) months with effect from the sale of the phone to the customer, on presentation of the paperwork stating the purchase date of the phone.
Phones that have been repaired or replaced as standard during the warranty period stated above are guaranteed (parts and labour) until the later of these two dates:

Copy of the guarantee period of twenty-four (24) months stated above or three (3) months with effect from the date of support provided by Sagem Communication.
Your legal rights under the terms of applicable national law as well as your rights in relation to your retailer, as set out in the sales contract, remain applicable and are not in any way affected by this guarantee.
In any disputes, the phone is covered by the legal warranty against the consequences of faults or hidden defects in compliance with articles 1641 and subsequent of the French civil code.
2. All faulty phones under warranty will be replaced or repaired free of charge at Sagem Communication's option (with the exclusion of repair of any other damage), once it has been specified that the work required for the application of the warranty will be done in a workshop and that the return costs (transport and insurance) of the phone to the address to be indicated to by the Sagem Communication after-sales service, whose phone number will appear on the delivery note, will be charged to the customer.

4. The following are excluded from the warranty:
Breakdowns or malfunctions due to non-compliance with the installation and use instructions, to an external cause of the phone (shock, lightning, fire, vandalism, malice, water damage of any type, contact with various liquids or any harmful agent, unsuitable electric current...), to modifications of the phone made without the written