SAGEM F@st™ 1201

Quick Installation Guide

SAGEM

Contents

Sagem Communication thanks you for choosing the SAGEM F@st^{TM} 1201 Modem/
Router. We hope it will provide you with full satisfaction. In addition, it will provide you with
access to all the services provided by your Internet Access Provider, as shown in the
diagram below.

Broadband Internet Access

Television over IP

Internet

Modem/router
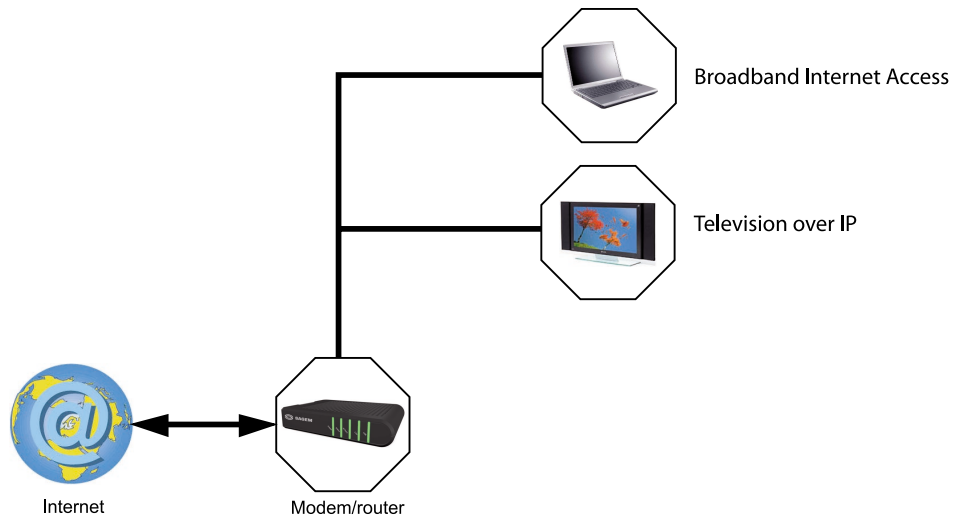
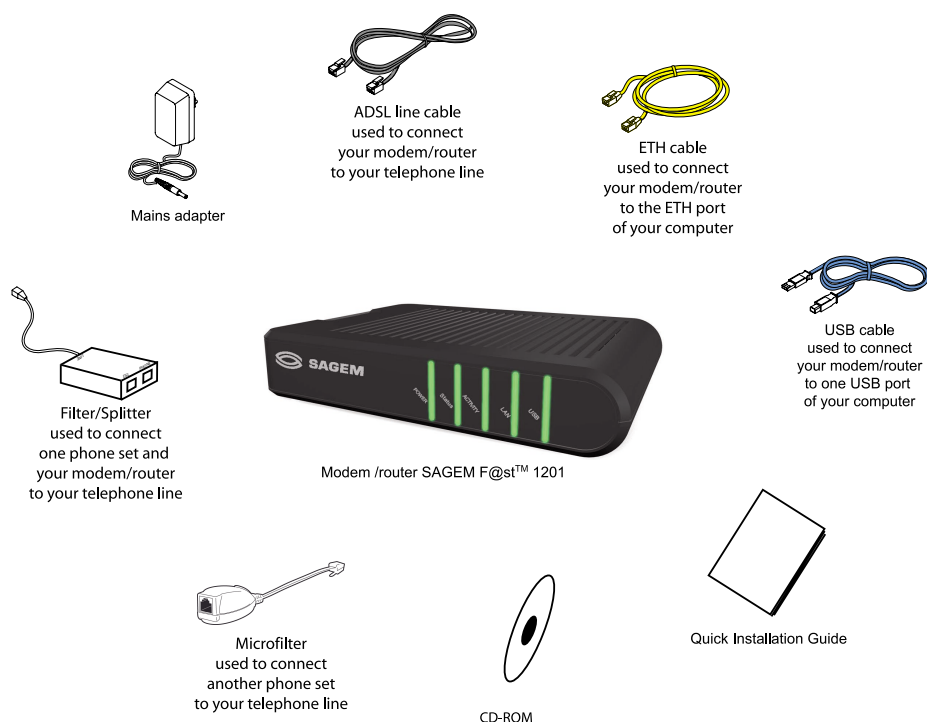**List of symbols used in this guide**

Warns you about an action or a serious omission.

Provides you with important information you must take into account.

CONTENTS OF THE PACK

Before you carry out the installation make sure that the pack contains the following elements:

Mains adapter

ADSL line cable
used to connect
your modem/router
to your telephone line

ETH cable
used to connect
your modem/router
to the ETH port
of your computer

Filter/Splitter
used to connect
one phone set and
your modem/router
to your telephone line

Modem /router SAGEM F@st™ 1201

USB cable
used to connect
your modem/router
to one USB port
of your computer

Microfilter
used to connect
another phone set
to your telephone line

CD-ROM

Quick Installation Guide
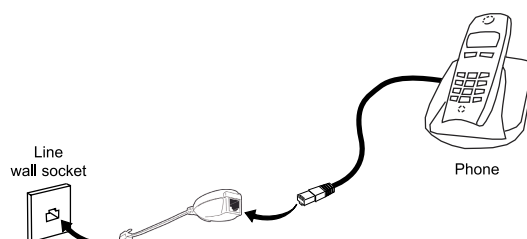
CONNECTIONS

Connecting your modem/router

Make sure that the modem/router is not connected to your computer before you start the installation from the CD-ROM.

Make the connection as shown in the diagram below.
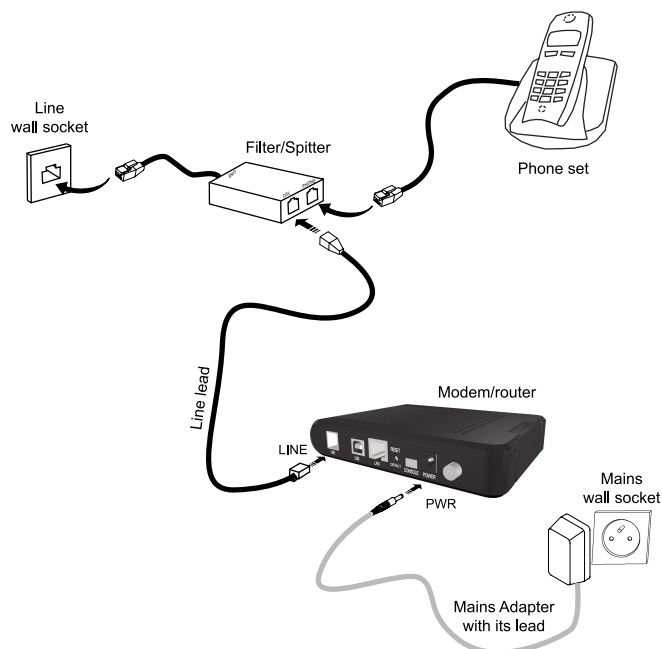
Connecting additional telephones

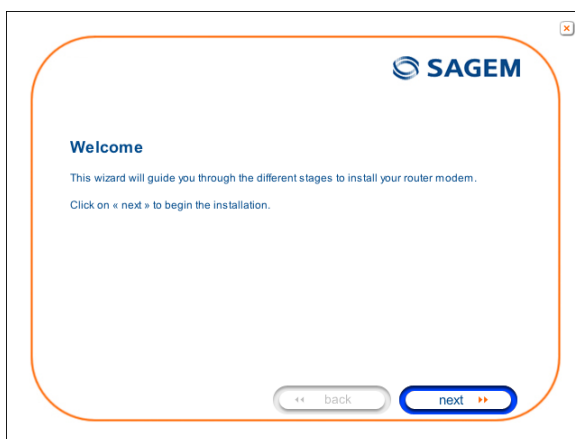Make the connections according to the diagram below.

INSTALLATION FROM THE CD-ROM

> *i* Make sure that the modem/router is not connected to your computer before you start the installation from the CD-ROM.

- insert the CD-ROM into the relevant drive; the opposite screen appears:


- click on **Next** to display a screen describing the precautions to be taken during the installation.
- click on **Next**; the opposite screen appears to let you select the type of installation (first installation or installation of an additional computer).
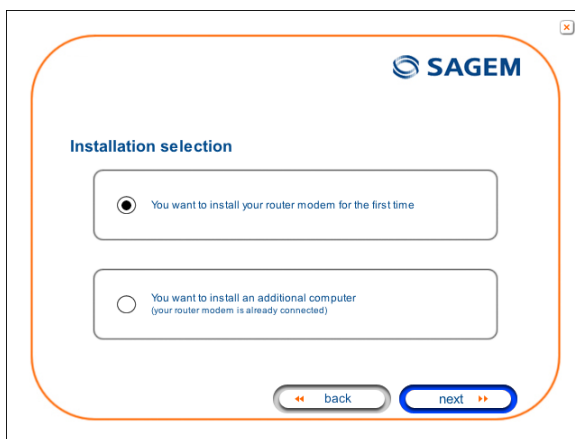
> *i* For a first installation, we advise you to check «Y**ou want to install your router modem for the first time**» then click on **Next** to continue the installation.

The opposite screen appears when you click on **Next**.

This screen lets you select the interface (Ethernet or USB) you want to use to connect your modem/router to your computer.
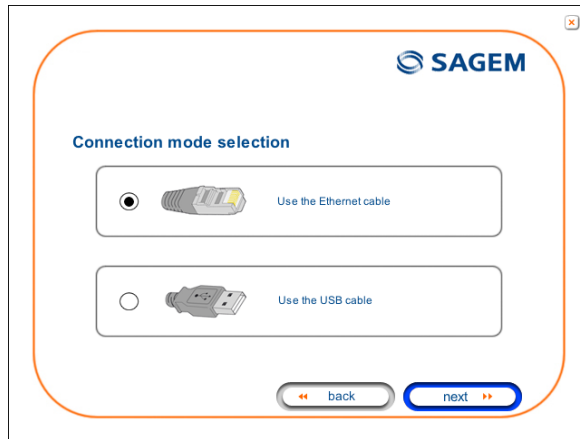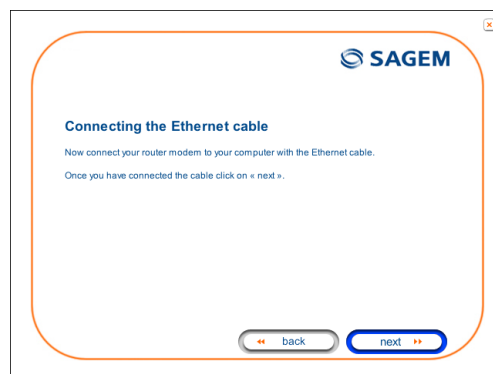

The modem/router only connects to one type of interface.

Installing your modem/router using different interfaces is detailed below in the order they appear in the previous screeen (connection mode selection).

Installation on the Ethernet port

You selected «**Use the Ethernet cable**», click on **Next**.

Follow the instructions provided by the installer screens by pluging in the modem supply, switching it on and connecting the ADSL line and then connect the modem/router to your computer using the Ethernet cable.
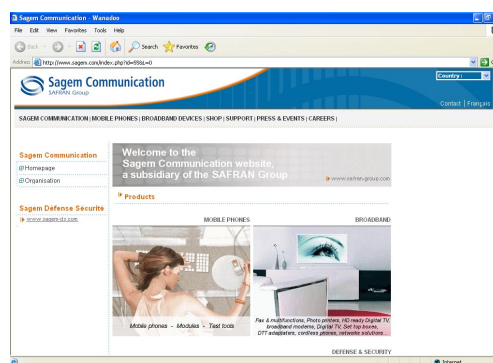

Once you have made these connections, an Internet connection screen appears. You must enter your connection ID then your connection password.

i This information is provided by your **I**nternet **S**ervice **P**rovider (ISP).

Once you have entered the configuration parameters, a window appears listing the different steps in the installation. Once all these steps are complete, an end of the installation window appears telling you that your modem/router has been correctly installed.

You may now use your Internet access.

Installation on the USB port

You selected «**Use the USB cable** », click on **Next**.

Follow the instructions provided by the installer screens by pluging in the modem supply, switching it on and connecting the ADSL line and then connect the modem/router to your computer using the USB cable.


Once you have made these connections, an Internet connection screen appears. You must enter your connection ID then your connection password.

This information is provided by your **I**nternet **S**ervice **P**rovider (ISP).

Once you have entered the configuration parameters, a window appears listing the different steps in the installation. Once all these steps are complete, an end of the installation window appears telling you that your modem/router has been correctly installed.

You may now use your Internet access.
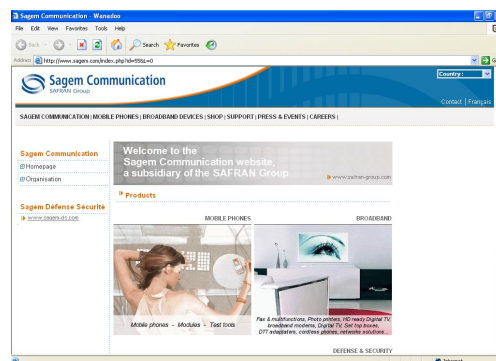
Installation of an additional computer

⚠ Your modem/router is already connected.

- insert the CD-ROM into the relevant drive. Continue the installation up to the installation selection window and select «**You want to install an additional computer**», click on **Next** to continue the installation. The interface selection window opens.

- select the interface you want to use to install an additional computer in the local network (LAN) then click on **Next** to continue the installation. An interface selection window which is identical to the previous installations appears.

- select your choice of interface then continue the installation as described earlier.

ⓘ Given that the modem/router has already been installed once you do not need to plug it in or connect the ADSL line.

TROUBLESHOOTING

Users can locate the fault using the following sources:

- Status of the LEDs on the front,
- Information accessible by your modem/router's built-in «DSL Router» HTTP controller,
  - Modem/router supervision,
  - «Diagnostics» tool.

Status of the LEDs on the front

Marking	POWER	Status	ACTIVITY	LAN	USB
Colour	**Green**	**Green**	**Green**	**Green**	**Green**
Lit steady	Power supply present	ADSL line synchronized	–	Ethernet link active	USB link active
Blinking	–	ADSL line synchronizing	At traffic rate	At traffic rate	At traffic rate
Off	Power supply absent	ADSL line not connected	–	Ethernet link inactive	USB link inactive

Modem/routeur supervision

This is displayed permanently in a box at the top right of each window in the HTTP configuration tool.

To access the configuration tool:

■ open your browser then enter in the address bar:

- the following URL   : http://myrouter,
- or the following address   : http://192.168.1.1.

A «Login» window opens.

- enter **admin** in the «Username» field,
- enter **admin** in the «Password» field,

You may now access your modem/router's HTTP configuration tool.

LEDs

ADSL	**Green**	ADSL Line synchronized	
	Yellow	ADSL Line synchronizing	
	Red	ADSL Line not connected	
Internet	**Green**	**Connected**	Public address (WAN) distributed to the modem/router
	Yellow	**Waiting for ISP**	ADSL Line synchronizing
	Off	**Adsl Down**	Public address (WAN) not distributed to the modem/router or ADSL line not connected
		Not configured	No VC (Virtual Channel)
		Router Rebooting	Modem/router is rebooting
	Red	**Access denied**	Erroneous Login and/or password

Bit rate

Down	Displays the nominal downlink bit rate
Up	Displays the nominal uplink bit rate

Buttons

refresh	Update the data displayed on the screen
reboot	Reboot your modem/router

«Diagnostics» tool

To access this tool:

■ open the configuration tool (see the modem/router supervision section).

■ select the «**Status**» heading then the «**Diagnostics**» menu in the relevant list located in the left of each window; the following screen appears:

The result of the tests carried out by your modem/router's «DSL router» configuration tool is displayed in the «Diagnostics» window. These tests relate to the connections to the LAN, your DSL Service Provider and your Internet Service Provider (ISP).

A hypertext link (help) enables the user to access contextual help. This help provides explanations about the status of the connection (**PASS** green, **DOWN** orange and **FAIL** red) and provides the appropriate repair procedures.

Connection status

Status	Colour	Meaning
PASS	Green	Indicates that the test was carried out correctly
DOWN	Orange	Indicates that an interface (ETH, USB) was not detected.
FAIL	Red	Indicates that a test failed or that a command cannot be launched.

If a test displays a «FAIL» status, click on «Help» then the «Rerun Diagnostic Tests» button at the bottom of the «Help» page to make sure that the test was suitable. If the test still displays «FAIL», you must follow the repair procedure displayed on this page.

IMPORTANT

If you are having trouble connecting to the Internet we recommend that you restart your modem/router or possibly return to the factory configuration using the procedures described below.

Restarting your modem/router

To restart your modem/router, click on the «**Reboot**» button in the top right of your HTTP configuration tool's welcome page.

Returning to the factory configuration

To return to the factory configuration:

- in the top left of your HTTP configuration tool's welcome page select the **Management** heading then the **Restore default** sub-menu in the **Settings** menu.

- or press and hold for about 10 seconds on the button marked «**REG**» on the back of your modem/router.

SAFETY INSTRUCTIONS

Environment

- The modem/router should be installed and used inside a building.
- The room temperature should not exceed 45°C.
- The modem/router can be placed on a desktop or fixed vertically in its wall mounting.
- The modem/router should not be exposed to strong sunlight or placed near a substantial source of heat.
- The modem/router should not be placed in an environment where it would be subjected to considerable steam condensation.
- The modem/router should not be exposed to splashes of water.
- The modem/router's casing should not be covered.
- The modem/router and its peripherals should not be used for outdoor transmissions.

Power supply source

- The modem/router's mains adaptor should not be covered.
- The modem/router comes with its own mains adaptor. It should not be used with another adaptor.
- This Class II adaptor does not to be grounded (earthed). The connection to the electrical network should comply with the indications given on the label.
- Use a readily accessible mains outlet located near the modem/router. The power supply cord is 2 m long.
- Arrange the power supply cord in such a way as to avoid any accidental power cut to the modem/router.
- The modem/router is designed to be connected to a GG- (ground-to-ground) or GN- (ground-to-neutral) type power supply network.
- The modem/router is not designed to be connected to to an independent neutral electrical installation.
- Protection against short-circuits and leaks between phase, neutral and earth should be provided by the building's electrical installation. The power supply circuit for this equipment should be fitted with 16 A overcurrent protection and differential protection.
- The modem/router should be connected to the mains via a readily accessible wall socket with a cutout device.

Maintenance

- It is prohibited to open the casing. This must be done only by qualified personnel approved by your supplier.
- Do not use liquid or aerosol cleaning agents.

SAFETY INSTRUCTIONS (Contd.)

Safety levels

Primary power source access
Bipolar AC mains socket
HPV (Hazardous Primary Voltage circuit)

DC power supply access
Miniature fixed connector (Power)
SELV (Safety Extra Low Voltage circuit)

Type B USB access   SELV

RJ45 Ethernet access (ETHERNET) SELV

RJ11 line access (ADSL)   TNV-3 (Telecommunication Network Voltage level 3 circuit)

$C\epsilon$

Products bearing this symbol comply with EMC regulations as well as the Low Voltage Directive published by the Commission of the European Community (CEC)

EC declaration
EC compliance declaration
Sagem Communication declares that the product named SAGEM F@st™ 1201 complies with the demands of the European Community directives 1995/5/CE as well as with the essential demands of the directives 89/336/CEE dated 03/05/1989 and 73/23/CEE dated 19/02/1973.
The CE compliance declaration for the SAGEM F@st™ 1201 is implemented within the framework of the R&TTE directive.

NOTES : _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Registered trademarks

SAGEM F@st™ is a registered trademark of *Sagem Communication*

Mac OS® is a registered trademark of Apple Computer, Inc.

Windows® is a registered trademark of Microsoft Corporation.

Copyright

For futher information on our products,
Please visit our Web site at:

www.sagem.com

252 716 575 éd. 1

Sagem Communication
SAFRAN Group