



PN: xxxxxxxx

Insert Barcode

Nokia Siemens Networks

Copyright © 2012 Nokia Siemens Networks. All rights reserved.

Nokia is a registered trademark of Nokia Corporation, Siemens is a registered trademark of Siemens AG. The wave logo is a trademark of Nokia Siemens Networks Oy. Other company and product names mentioned in this document may be trademarks of their respective owners, and they are mentioned for identification purposes only.

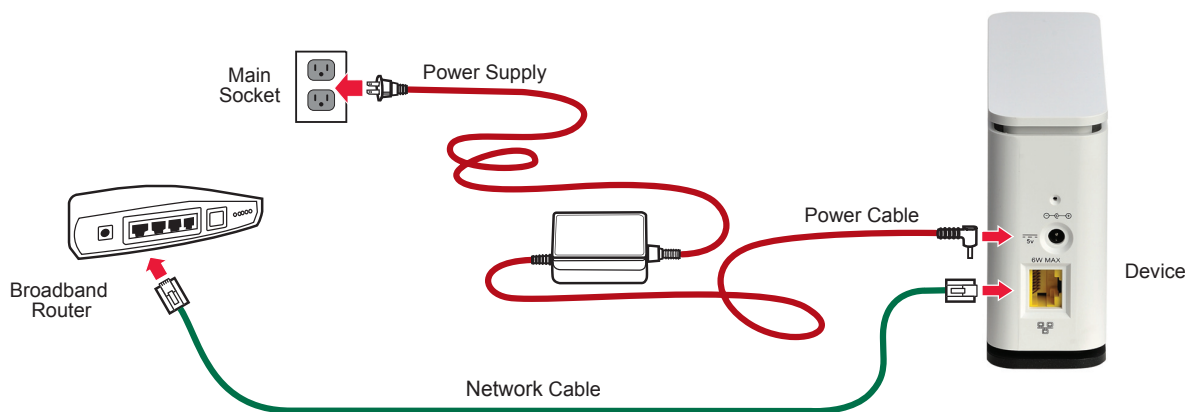
Nokia Siemens Networks Corporation, Karaportti 3, FI-02610 ESPOO, Finland

# User Manual

## Installation Procedure

1. Plug the power and network cables into the device.
2. Plug the network cable into the broadband router.
3. Plug the power supply into the main socket.
4. The green light will stop flashing when the device is ready to use. It may take a few minutes to complete the process. If the green light does not stop flashing after 30 minutes, please call the operator for help.
5. For the complete User Manual, please log on to <http://www.nokiasiemensnetworks.com/manuals>

### Rear Panel



## Package Contents



3G Access Point



Ethernet cable



Main power supply

## LEDs

### Front-Mounted LED

This device has 1 LED.

Femto (Green / Red / Off)

	LED State	Definition
Green	On	Power on.
	Fast Flashing	Initialization or temporarily out of service.
	Slow Flashing	One or more calls are currently active.
	Sequence of two flashing lights	No calls can be received currently.
Red	LED State	Definition
	On	Product failure.
	Single flashing light	No router connection.
	Sequence of two flashing light	No Internet connection.
	Sequence of three flashing light	RF issue. Local interference/poor service.
	Sequence of four flashing light	Over temperature.
Off	No power.	

## Rear Panel



Reset

Power Port

ETH Port

Reset	Do not reset unless Service Provider advises you to perform this task.
Power Port	Connect the supplied power adapter here.
ETH Port	Use a standard LAN cable (RJ45 connector) to connect the router.

## Frequently Asked Questions (FAQs)

### “How many mobile phones can communicate with the Femtocell Access Point (FAP)?”

The FAP can handle voice calls or data sessions for up to eight mobile devices at a time. These can be defined when purchasing the FAP to restrict the use to certain phones. Guests can be added at a later date if required.

### “How fast does my broadband connection need to be?”

The recommended minimum speed is 2Mbps to your LAN (downlink) and 512kbps from your LAN (uplink) to ensure a usable data rate for one 3G mobile.

### “How far away from the Femtocell Access Point (FAP) can a user make a call?”

The typical range is between 50m and 100m. It will vary depending on a number of factors including the location of the FAP, the number of walls and their construction, and the proximity to other FAPs. It is also recommended that you are more than 20cm from the FAP when making a call.

### “What happens when I enter or leave the site?”

The 3G mobile network detects when you are moving between the outdoor network and your indoor coverage area, and automatically shifts between the two without any intervention required. In normal circumstances, you would not notice anything unless there is not a presence of a 3G mobile network.

### “How do I know when my handset is connected to the Femtocell Access Point (FAP)?”

When connected to a mobile network, the handset normally displays the name of the mobile operator. The FAP works in the same way but the name will show that you are connected to the FAP instead.

### “Why won't my mobile connect to my Femtocell Access Point (FAP)?”

FAP requires a 3G mobile device; verify that your mobile is 3G-capable and check that it is “on” in your mobile’s settings. Confirm your mobile number has been registered to your FAP. You will need to register any new SIM cards for your mobile device as well.

### “What happens if I get a new mobile?”

If you get a new mobile and/or new SIM, you need to register the new mobile/SIM with the FAP.

### “Can I add another mobile number to my Femtocell Access Point (FAP)?”

Yes, please call your service provider.

### “Why does the light keep flashing?”

See “LED” chart in this document.

### “Can I still make calls when I'm sending emails or uploading files from my computer?”

Yes.

### “My Femtocell Access Point (FAP) is working fine, but now my computer will not connect to Wi-Fi.”

Move your FAP farther away from your router.

### “How much radio emissions does my My Femtocell Access Point (FAP) transmit?”

Less than a broadband router; up to 20mW.

### “How much electricity will my My Femtocell Access Point (FAP) use?”

Approximately the same amount as a broadband router.