



LC201 Sweex Powerline Ethernet Adapter 200 Mbps

Introduction

In order to fully enjoy the Sweex Powerline Ethernet Adapter 200 Mbps, it is important to observe a number of things:

- Do not expose the Sweex Powerline Ethernet Adapter 200 Mbps to extreme temperatures. Do not place the product in direct sunlight or in the direct vicinity of heating elements.
- Do not use the Sweex Powerline Ethernet Adapter 200 Mbps in extremely dusty or moist surroundings.
- Protect the product against powerful shocks or jolts - they may damage the internal electronics.
- Never attempt to open the product yourself - it will cause the warranty to lapse.

Note!

Do not connect the Sweex Powerline Ethernet Adapter 200 Mbps to a UPS or a wall outlet with over-voltage protection and/or filter. This can negatively affect the quality of the signal. We advise against the use in protected power points or extension leads.

Installation of hardware

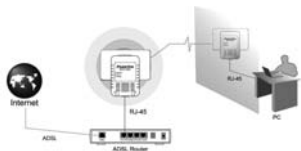
Take the following precautionary measures prior to installing the hardware:

- Ensure there is at least 1 free wall outlet available per adapter.
- Insert the adapter in the wall outlet. In the event of shortage of space near the wall outlet, the plug of the Sweex Powerline Ethernet Adapter 200 Mbps can be changed.
Press and hold the button under the ribbed section and slide the cover in the direction of the arrow. This will reveal a connection onto which a power cable can be connected. This cable is not included.



- Insert the second and, if applicable, third (etc.) adapter in another wall outlet.
- Connect the adaptor with the network and/or the computer by means of the network cables. There are 3 connection options:

1: From router/switch to PC (see illustration below)



2: From PC to PC

3: From router/switch to router/switch

- Check whether the LEDs light up as indicated under the header "LED indicators".

Software installation under Windows 98SE, 2000, XP and Vista

The Sweex Powerline Ethernet Adapter does not need any drivers. The utility which is installed provides additional functionality and security. If you do not need this, you need not install the software. You can use the Sweex Powerline Ethernet Adapter instantly, without installing the software.

We advise you to ensure the operating system is up-to-date before starting the installation. This is easy to check by starting up Internet Explorer and selecting the option "Windows Update" in the "Extra" menu.

Insert the Sweex CD-ROM in the CD-ROM player. The autorun menu will start automatically.

In this menu, select "Software Windows 98SE, 2000, XP and Vista".

In the event that the autorun menu does not appear, the software installation process can also be started manually. In order to do this, open My computer and go to X:\software\ (X being the letter of your CD-ROM drive). Here you can find the file 'LC200_software'. Double-click this file and follow the instructions. Windows will install the software automatically.

Software Power Adapter

Use the 'PowerPacket Utility' to configure the Sweex Powerline Ethernet Adapter 200 Mbps. It can be found in the following location:

Go to START -> All Programs -> "Power Adapter" -> "Power Adapter"

Or, when using Windows classic style:

Go to START -> Programs -> "Power Adapter" -> "Power Adapter"

The following screen appears:



The programme will immediately start searching for the different Powerline devices which are connected to the Powerline adapter of your computer via the electric mains. The devices will be listed in the window under “Device name”. This will further detail the password (empty by default), the quality of the connection (“Quality”) the effective data speed (“Rate (Mbps)”) and the MAC address of the adapter (“MAC Address”).

If you want to use the security options, the password of the relevant adaptor must be filled in. This password (“PWR: xxxx-xxxx-xxxx-xxxx”) is unique for each adaptor and can be found on the sticker on the back of the adapter, under MAC address (“MAC: xx:xx:xx:xx:xx:xx”). We recommend noting down this information prior to installation, for easy reference.



Select the device you would like to configure and click “Enter Password”. The following screen appears:

Enter the password detailed on the relevant adapter. Ensure that the MAC address of the adapter matches the MAC address listed in the programme, so that the correct password is entered!

Protection

It is not required to secure the Sweex Powerline Ethernet Adapter 200 Mbps in order to operate it. In the event that an individual has access to your wall outlet, this person could use your Internet connection via that wall outlet (should you not have secured it). This is rather unlikely to happen in practice, since Powerline is limited to the confines of your own home. Within your home, Powerline does cross the various groups.



The protection feature can be enabled in the second tab. Here a unique network name must be entered (default name is "Homeplug"). This network name is also the password to gain access to the Powerline network. After having entered a network name, click "Set All Devices". This only works if the "Password" of the adaptors has been entered. Now the network has been secured and can only be approached by adaptors which dispose of the unique network name.

If the passwords of the adaptors have not been entered, only the locally connected adapter can be changed. This adapter is then isolated from the Powerline networks, as only that adapter has a unique network name.

Only adaptors which have the same network name can form a network together. The default network name is "HomePlug". So, if no protection is needed, you need not configure anything.

Security with the pair and reset button

In order to secure a network using two or more Powerline Adapters, you can use the "pair" button. The security code is sealed in the device and can therefore not be read.

Scenario 1: Adapter A and adapter B want to become a secured network.

1. Press the "pair" button of adapter A for 2 seconds
2. Press the button of adapter B for more than 10 seconds until the lights go out, after which adapter B will disconnect from any previous network.
3. Once the lights have lit up again, press the "pair" button for 2 seconds. Do this within 120 seconds of having pressed adapter A.
4. If the "Powerline" light is constantly lit on both adapters, a secured connection has been established.

Scenario 2: Adapter C needs to be added to the network of A and B.

1. Press the button of adapter C for more than 10 seconds, until the lights go out.
2. Once the lights have lit up again, press the "pair" button of C for 2 seconds.
3. If the "Powerline" light is constantly lit on all adapters, a secured connection has been established.

If an adapter is already included in a network and you wish to include it in a different network, you must first disconnect by pressing the "pair" button for 10 seconds. All lights will go out briefly.

The reset button

You can reset an adapter to its factory settings by using the "reset" button. By doing this, the adapter is no longer secured, and it can only communicate with unsecured adapters. Press and hold the button for 2 seconds. All lights will go out briefly.

LED indicators

The Sweex Powerline Ethernet Adapter 200 Mbps contains 3 LEDs:

LED Indicator	Colour	Status	Meaning
Powerline	Green	Lit	Another adapter has been detected in the same network.
	Off		No other adapter has been detected in the same network.
	Blinking		Activity in the Powerline network.
Power	Green	Lit	The adapter is switched on.
Ethernet	Green	Lit	The network port is properly connected and ready to send/receive data.
		Off	The network port is not properly connected.
		Blinking	The network port is sending/receiving data

Warranty

All products under the Sweex brand are warranted for a period of three years. We do not grant support or warranties for any software and/or (rechargeable) batteries included. Settlement of guarantee only takes place via the dealer where you have purchased the product in question.

The rightful owner has and retains title to all brand names and related rights mentioned in this manual.