

## Quick Installation Guide



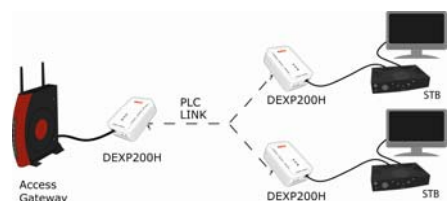
# Discus™ DEXP200H

## PACKAGE CONTENTS




Your new **Discus™ DEX P200H** kit contains the related hardware and software.

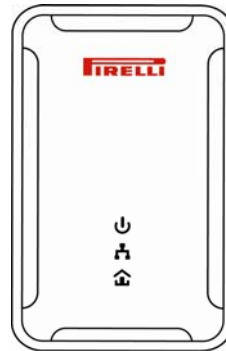
In it you will find:

1. **Two Discus™ DEX P200H units**
2. Two Ethernet cables
3. One installation CD-ROM (Pirelli Device Manager and QIG)

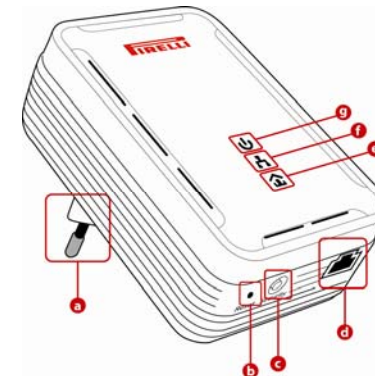


## FRONT PANEL

	LED Label	LED Color	LED Behavior
g		Green	<p>Steady ON: The device is powered on</p> <p>OFF: The device is powered off</p> <p>Static Green: PLC link Established with speed is greater or equal than threshold 2 (100Mbps)</p> <p>PLC link Established with speed is between threshold 1 (80Mbps) and threshold 2 (100Mbps)</p>
e		Green/ Yellow/Red	<p>Static: Yellow PLC link Established with speed is between threshold 1 (80Mbps) and threshold 2 (100Mbps)</p> <p>Static: Red PLC link Established with speed is below or equal threshold 1 (80Mbps)</p> <p>OFF No data received by an associated and authenticated device on the PLC link</p>
f		Green	<p>Steady ON: Ethernet Link is established and Ethernet activity present (traffic in up/down direction)</p> <p>OFF: No Ethernet Link is established</p>



## REAR PANEL



PORTS	DESCRIPTION
a	AC power plug
d	One Ethernet port 10/100 Mbps

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BUTTONS	DESCRIPTION
b	Reset to factory default
c	Security button (Authentication Button)

## Positioning the Extenders

You should preferably place the extenders in a position that:

- is not exposed to high moisture and water dripping
- is not exposed to direct sunlight and heat sources
- is not too close to fluorescent lighting fixture and other sources of electrical noise such as radio sets, transmitters and amplifiers

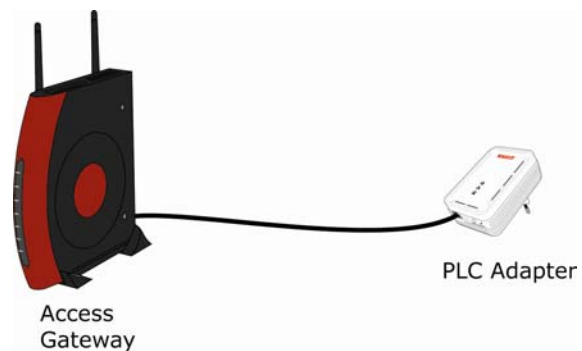
**NOTE:** Nominal performances cannot be guaranteed in presence of fluorescent lighting fixture and Switching power supply interference !

## System Requirements

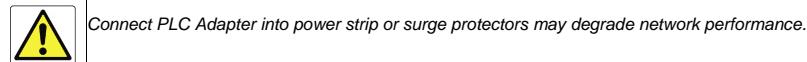
Before starting you must ensure the following:

- One available 10/100 Mbps Ethernet port
- Windows 2000/XP operating system

**NOTE:** Previous requirements are suggested for device configuration by  
Pirelli Device Manager.



1. Plug the DEX P200H into a normal wall socket.



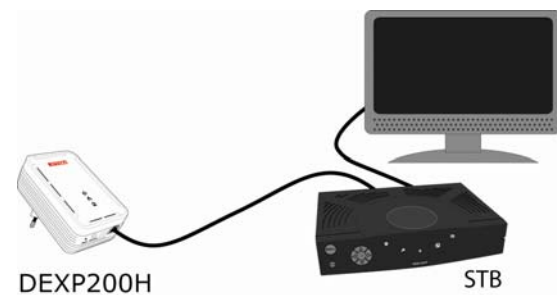
2. Wait few seconds to complete startup and then check the LEDs.

- The **Power** LED should be ON.
- The Link LED will be ON if other Powerline devices are detected,

3. Connect a standard LAN cable from the one device's Ethernet port to your Access Gateway.
4. Wait few seconds to complete startup and then check the LEDs.
  - The Ethernet LED should be ON.



If the Led Status is different as defined above, check cable connections.



5. Plug the other DEX P200H into a normal wall socket.

6. Wait few seconds to complete start-up and then check the LEDs.
  - The **Power** LED should be ON.
  - The **Link** LED will be ON if other Powerline devices are detected, otherwise it will be OFF.
7. Connect a standard LAN cable from the one device's Ethernet port to your Ethernet terminal (e.g. Set Top Box).
8. Wait few seconds to complete start-up and then check the LEDs.
  - The Ethernet LED should be ON.

If the Led Status is different as defined above, check cable connections.

**NOTE:** DEX P200H devices should communicate automatically thanks to factory default configuration

## HOW TO ASSOCIATE THE DEVICES

## FIRST SCENARIO

This procedure describes how to associate two un-associated devices.

Two un-associated adapters (a,b) are forming a new network (Network AB).



The procedure is as follows:

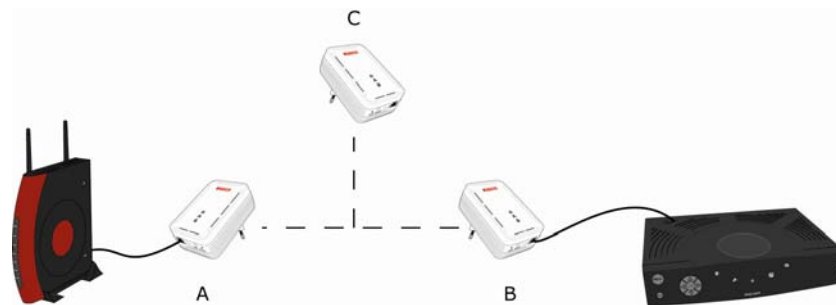
1. Press the security button on the adapter (A) for less than 3 seconds.
2. Press the security button on the adapter (B) for less than 3 seconds.
3. The Power LEDs start to flash.
4. After a few seconds the reboot procedures and after that the Power and PLC link LEDs should be on.
5. The configuration is successful.

**NOTE:** If the procedure fails:

1. Press and hold authentication button on the adapter (A) for at least ten seconds, until the power LED goes out and start to flash (added).
2. Press and hold authentication button on the adapter (B) for at least ten seconds , until the power LED goes out and start to flash (added).
3. Associate the devices again following the procedure described above.

## SECOND SCENARIO

Join an unassociated adapter (C) to an existing network (Network AB).



The procedure is as follows:

1. Press the security button on the adapter A (or B) for less than 3 seconds.
2. Press the security button (c) on the adapter (C) for less than 3 seconds.
3. The Power LEDs start to flash.
4. After a few seconds, the Power and PLC link LEDs should be on.

5. The configuration is successful.

**NOTE:** If the procedure fails:

1. Press and hold authentication button on the adapter (C) for at least 10 seconds, until the power LED goes out and start to flash (added).
2. Associate the devices again following the procedure described above.

## HOW TO RESET THE DEVICES

1. Press the reset button (d) the adapter A for 2 seconds.
2. The adapter starts the reboot procedure. All LEDs should be ON.
3. After a few seconds, the Power and PLC link LEDs should be ON. The reset procedure is finished successfully.