

Quick Installation Guide



Discus™ DEXP200H



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



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REAR PANEL	
PORTS	DESCRIPTION
a	AC power plug
d	One Ethernet port 10/100 Mbps
BUTTONS	DESCRIPTION
b	Reset to factory default
c	Security button (Authentication Button)

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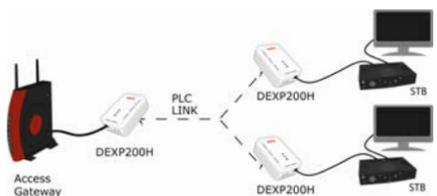
PIRELLI Broadband Solutions S.p.A.
Viale Sarca 222
20126 Milano
Italy

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)



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By purchasing your **Discus™ DEX P200H**, based on PLC technology compliant with Homeplug AV standard, you have entered into the word of Broadband Connectivity. **DEX P200H** Extenders, high performance and cost effective external dongles, make the Customer able to connect the Home Gateway to any Ethernet terminal (e.g. Set Top Box), avoiding un-esthetical new cabling, wiring works and technical on-site support.

This Quick Installation Guide is meant to help the User installing **Discus™ DEX P200H** and distributing Broadband Services (e.g. High Definition Video Streaming) throughout Home Network, quickly and easily.

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1 Positioning the Extenders

You should preferably place the extenders in a position that:

- is not exposed to high moisture and water dropping
- 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 !

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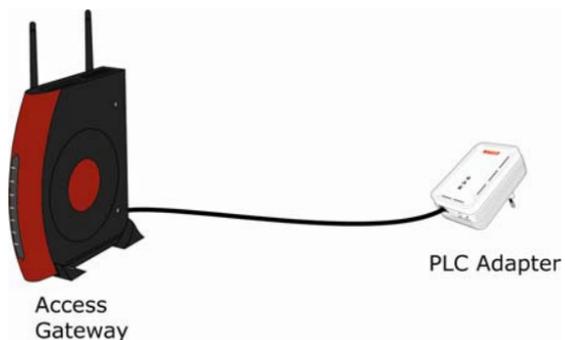
2 System Requirements

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.

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

 Connect PLC Adapter into power strip or surge protectors may degrade network performance.

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,

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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.

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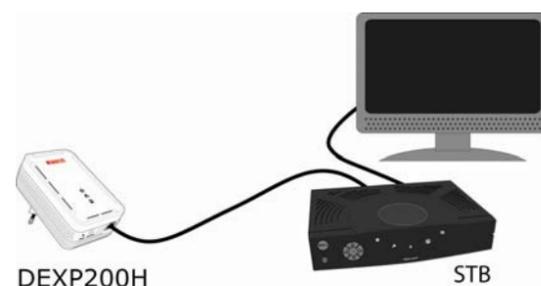
3. Connect a standard LAN cable from the one device's Ethernet port to your Access Gateway.

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.

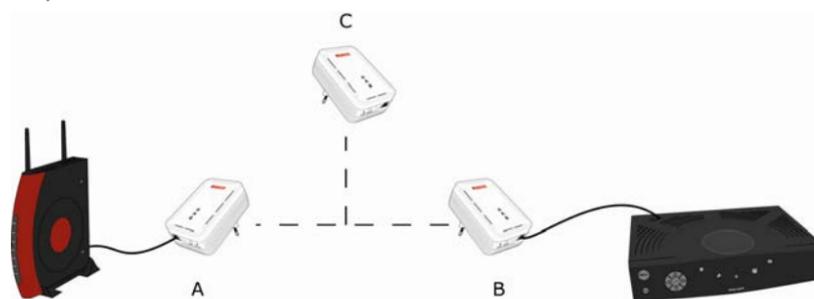


5. Plug the other DEX P200H into a normal wall socket.

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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.

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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

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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.

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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.

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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.

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