P-870MH-C1

VDSL Modem Over POTS

Quick Start Guide

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Edition 1

ZyXEL
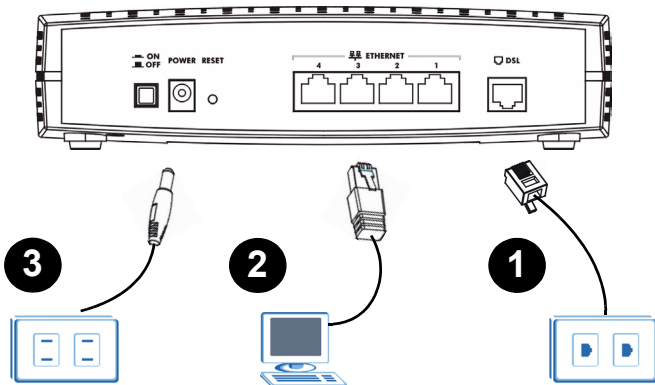
Introduction

The P-870MH-C1 is a VDSL modem with a four-port switch. VDSL offers high-speed Internet access. The four-port switch lets you connect up to four computers to the P-870MH-C1.

Refer to the User's Guide for detailed information.

1 Hardware Connections

1. **DSL**: Use a telephone wire to connect this port to a telephone wall jack for Internet access.
2. **ETHERNET**: Use an Ethernet cable to connect a port to a computer for Internet access.
3. **POWER**: Use only the included power adaptor to connect this socket to an appropriate power source. Press the button to turn on the P-870MH-C1.

1.1 Check the LEDs (Lights)

- The **POWER** LED blinks and turns steady on.

- The **VDSL** and/or **ETHERNET** LEDs turn on and sometimes blink if the corresponding ports are properly connected.

> **?** If none of the LEDs are on, unplug the device and check your hardware connections again.

2 Test Your Internet Connection

After you have connected the hardware and turned on the P-870MH-C1, open a web browser on your computer and go to any web site (for example, www.zyxel.com) to test your Internet connection.

Troubleshooting

1 The **POWER** light is not on when I turn on the P-870MH-C1.

- You might be using the wrong power adaptor. Use the included power adaptor only.

- If you are using the correct power adaptor, disconnect and re-connect the power adaptor, and turn on the P-870MH-C1 again.

- If the **POWER** light is still not on, use a different power outlet. Make sure the power source is also turned on.

- If the problem continues, contact your local vendor.

2 The **ALARM** light is on.

- The **ALARM** light blinks once during system startup. If the **ALARM** light stays on, the system startup test has failed on your P-870MH-C1. Contact your local vendor.

3 The **POWER** light is on, and the **ALARM** light is off, but the **VDSL** light is blinking slowly.

- Check the connection from the **DSL** port to the telephone jack.
- Connect the **DSL** port to a different telephone jack.
- Make sure VDSL service is activated for the telephone jack.
- If the problem continues, contact your DSL service provider.

4 The **POWER** light is on and the **ALARM** light is off, but the **ETHERNET** light(s) is also off.

- The **ETHERNET** light is off if you have not connected a computer to that port.
- Check the Ethernet connection between the **ETHERNET** port and computer.
- If the connection is secure, inspect the Ethernet cable for damage.
- If the Ethernet cable does not appear to be damaged, check the length of the cable. Ethernet cables must be less than 100 meters.

5 I cannot connect to the Internet.

• There might be problems with your VDSL settings or phone line. Contact your Internet Service Provider (ISP) and/or telephone company.

Procedure to View a Product's Certification(s)

1 Go to www.zyxel.com.

2 Select your product from the drop-down list box on the ZyXEL home page to go to that product's page.

3 Select the certification you wish to view from this page.