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NETGEAR PL1000-100PES

NETGEAR Powerline 1000 Adapter Kit (PL1000-100PES) User Manual

Model: PL1000-100PES

1. PRODUCT OVERVIEW

The NETGEAR Powerline 1000 Adapter Kit (PL1000-100PES) provides a simple solution to extend your internet network using your home's existing electrical wiring. This kit includes two Powerline 1000 adapters, enabling you to connect devices like smart TVs, gaming consoles, and computers to the internet in areas where Wi-Fi signals may be weak or unreliable.



Image: Front view of the NETGEAR Powerline 1000 Adapter.

2. SETUP

2.1 Package Contents

Verify that your package contains the following items:

- Two (2) NETGEAR Powerline 1000 Adapters (PL1000)
- Two (2) Ethernet cables
- Quick Start Guide (not included in this manual)

2.2 Installation Steps

Follow these steps to set up your Powerline network:

1. **Connect the First Adapter:** Plug one Powerline adapter directly into an electrical outlet near your internet router or modem. Do not use a power strip or extension cord, as this can degrade performance.

2. **Connect to Router/Modem:** Use one of the provided Ethernet cables to connect the Powerline adapter to an available LAN port on your router or modem.
3. **Connect the Second Adapter:** Plug the second Powerline adapter directly into an electrical outlet in the room where you want to extend your network.
4. **Connect Your Device:** Use the second Ethernet cable to connect your network-enabled device (e.g., computer, smart TV, gaming console) to the second Powerline adapter.
5. **Verify Connection:** Wait for the Powerline LED on both adapters to turn solid green, indicating a successful connection.



Image: A NETGEAR Powerline 1000 Adapter plugged into a wall outlet, ready for connection.

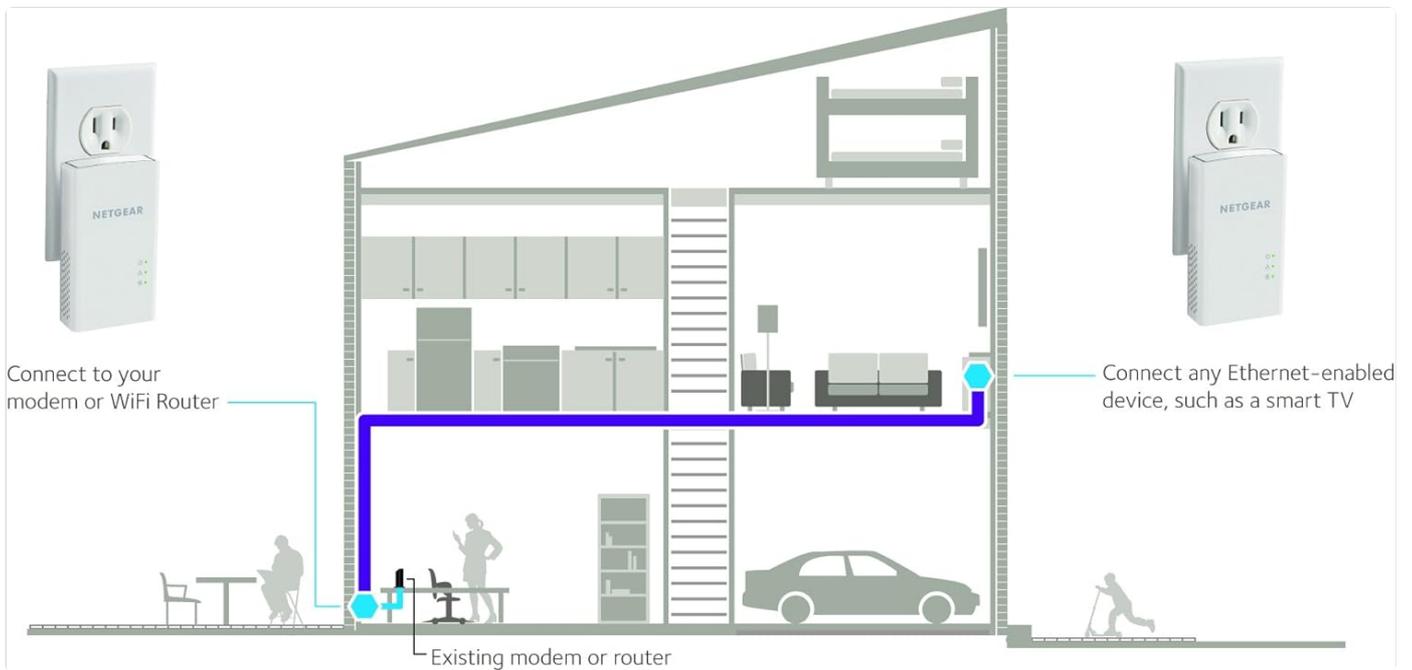


Image: Diagram illustrating how two Powerline adapters connect to a router and an Ethernet-enabled device in different rooms, utilizing the home's electrical wiring.

3. OPERATING

3.1 Understanding LED Indicators

The Powerline adapters feature LED indicators to show their status:



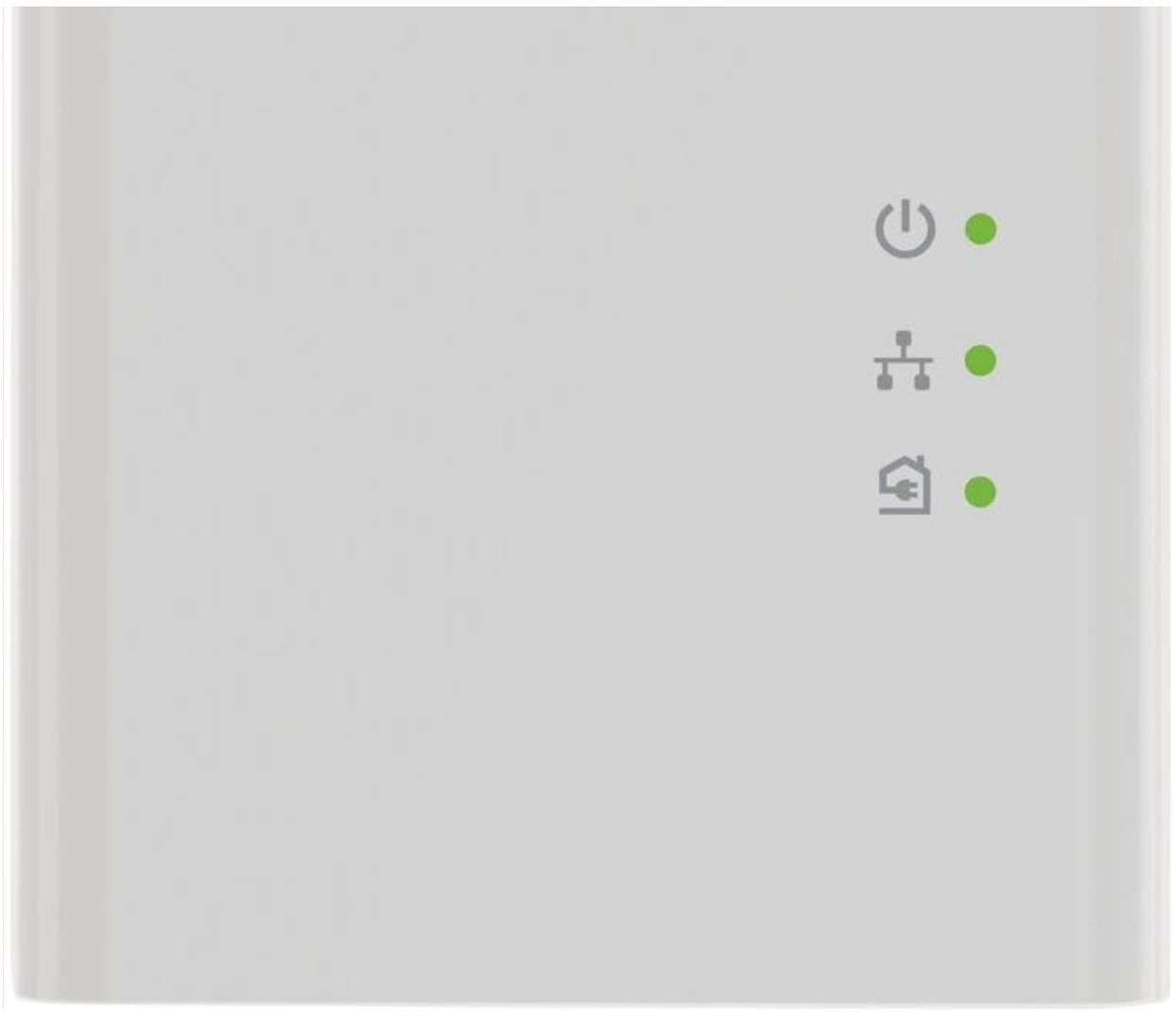


Image: Front view of the Powerline 1000 Adapter showing the Power, Powerline, and Ethernet LED indicators.

LED Indicator	Status	Description
Power LED	Solid Green	The Powerline adapter is powered on.
Power LED	Off	The Powerline adapter is off.
Powerline LED	Solid Green	The Powerline adapter is connected to a Powerline network.
Powerline LED	Blinking Green	The Powerline adapter is in pairing mode.
Powerline LED	Off	The Powerline adapter is not connected to a Powerline network.
Ethernet LED	Solid Green	An Ethernet device is connected to the adapter's Ethernet port.
Ethernet LED	Blinking Green	Data is being transmitted or received through the Ethernet port.
Ethernet LED	Off	No Ethernet device is connected.

3.2 Pairing Powerline Adapters

Your Powerline adapters are typically pre-paired from the factory. If they do not connect automatically (Powerline LED is off or blinking), you may need to pair them manually:

1. Plug both Powerline adapters into electrical outlets in the same room.
2. Press the Security button (often labeled 'Pair' or 'Security') on the side or bottom of the first adapter for 2 seconds.

The Powerline LED will start blinking.

3. Within two minutes, press the Security button on the second adapter for 2 seconds. Its Powerline LED will also start blinking.
4. After a short period, the Powerline LEDs on both adapters should turn solid green, indicating a successful secure connection.

4. MAINTENANCE

4.1 Care and Cleaning

- Keep the adapters in a dry environment, away from excessive heat or moisture.
- Do not block the ventilation holes on the adapters.
- To clean, gently wipe the surface with a soft, dry cloth. Do not use liquid or aerosol cleaners.

4.2 Factory Reset

If you experience persistent issues or wish to clear all settings, you can perform a factory reset:



Image: Bottom view of the Powerline 1000 Adapter, highlighting the Ethernet port and the recessed Factory Reset button.

1. With the adapter plugged into an electrical outlet, use a paperclip or similar pointed object to press and hold the recessed **Factory Reset** button for approximately 10 seconds.
2. Release the button when the LEDs briefly flash. The adapter will restart with factory default settings.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **No Powerline Connection (Powerline LED Off):**

Ensure both adapters are plugged directly into wall outlets, not power strips. Try different outlets. Perform manual pairing as described in Section 3.2.

- **Slow Connection Speed:**

Avoid plugging adapters into outlets on different electrical circuits if possible. Remove any high-power electrical appliances (e.g., washing machines, refrigerators) from outlets near the adapters, as they can cause interference.

- **No Internet Access:**

Verify that your router/modem is working correctly and has an active internet connection. Ensure the Ethernet cable between the first adapter and the router is securely connected. Check the Ethernet LED on both adapters.

- **Adapter Not Responding:**

Unplug the adapter from the wall outlet, wait 10 seconds, and plug it back in. If the issue persists, perform a factory reset (Section 4.2).

6. SPECIFICATIONS

6.1 Technical Specifications

Feature	Detail
Brand	NETGEAR
Model Number	PL1000-100PES
Dimensions (LxWxH)	2.32 x 1.41 x 3.94 inches (5.89 x 3.58 x 10.01 cm)
Item Weight	4.4 ounces (126 grams)
Color	White
Data Transfer Rate	Up to 1000 Mbps (Megabytes Per Second)
Data Link Protocol	Gigabit Ethernet, IEEE 802.3
Hardware Interface	Ethernet Port (RJ-45)
Compatible Devices	Desktop, Laptop, Smart TV, Gaming Console, Smartphone, Tablet (via Ethernet connection to adapter)
Voltage	15.0V (Internal)
UPC	606449109825

7. WARRANTY AND SUPPORT

7.1 Warranty Information

NETGEAR products typically come with a limited hardware warranty. For specific warranty terms and conditions applicable to your region and product, please refer to the warranty card included with your purchase or visit the official NETGEAR website.

7.2 Customer Support

For further assistance, technical support, or to download the latest firmware and documentation, please visit the official NETGEAR support website. You can find detailed FAQs, troubleshooting guides, and contact information for customer service there.