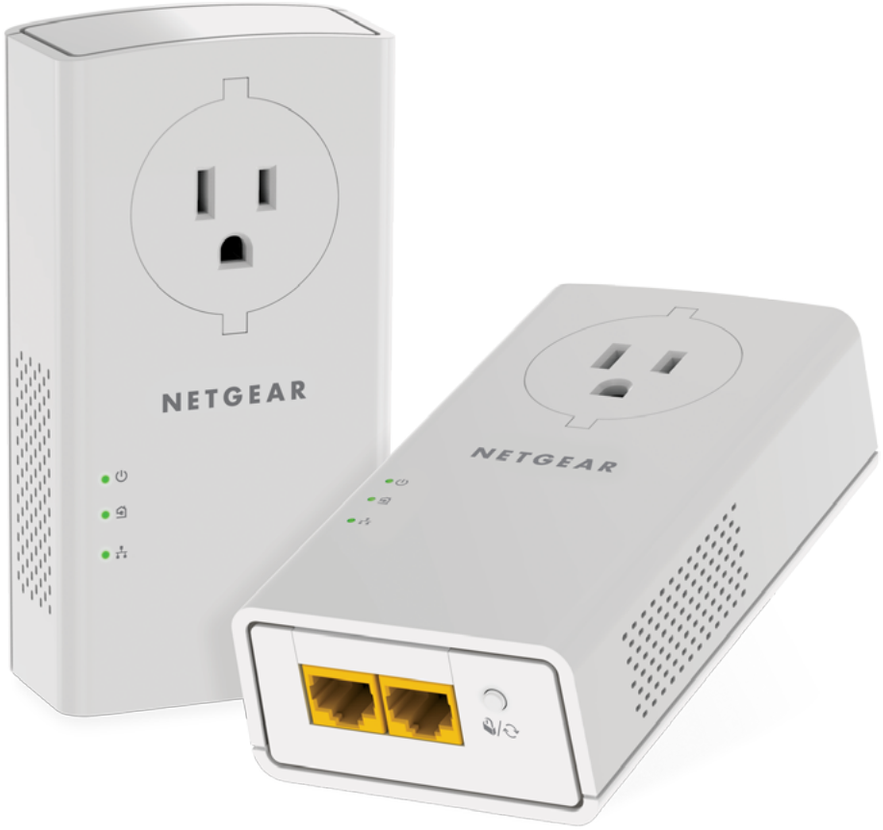
Quick Start

Powerline 2000 + Extra Outlet

Model PLP2000 (2 x PLP2000)



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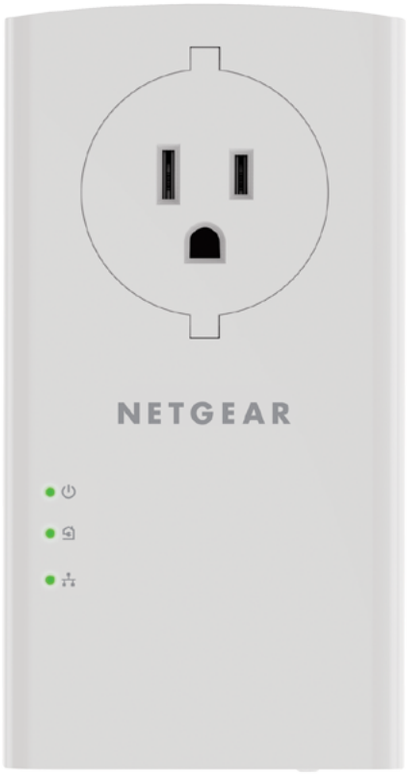
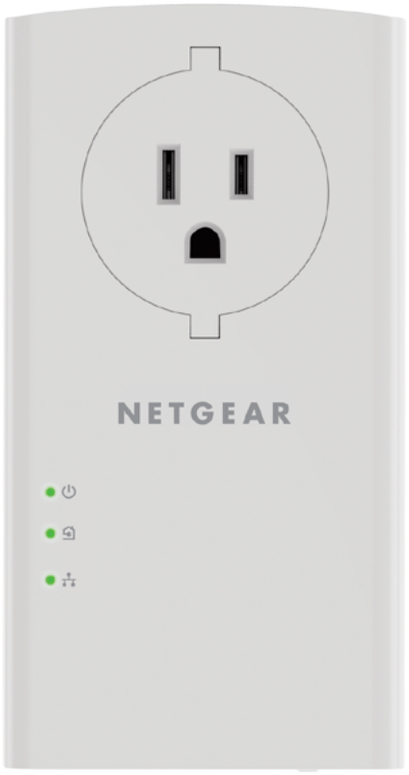
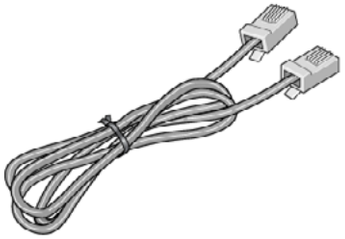
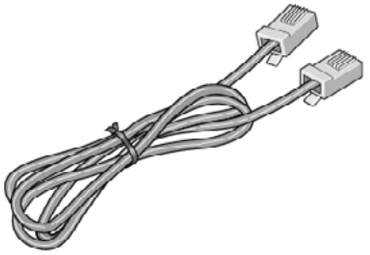
Package Contents

In some regions, a resource CD is included with your product.







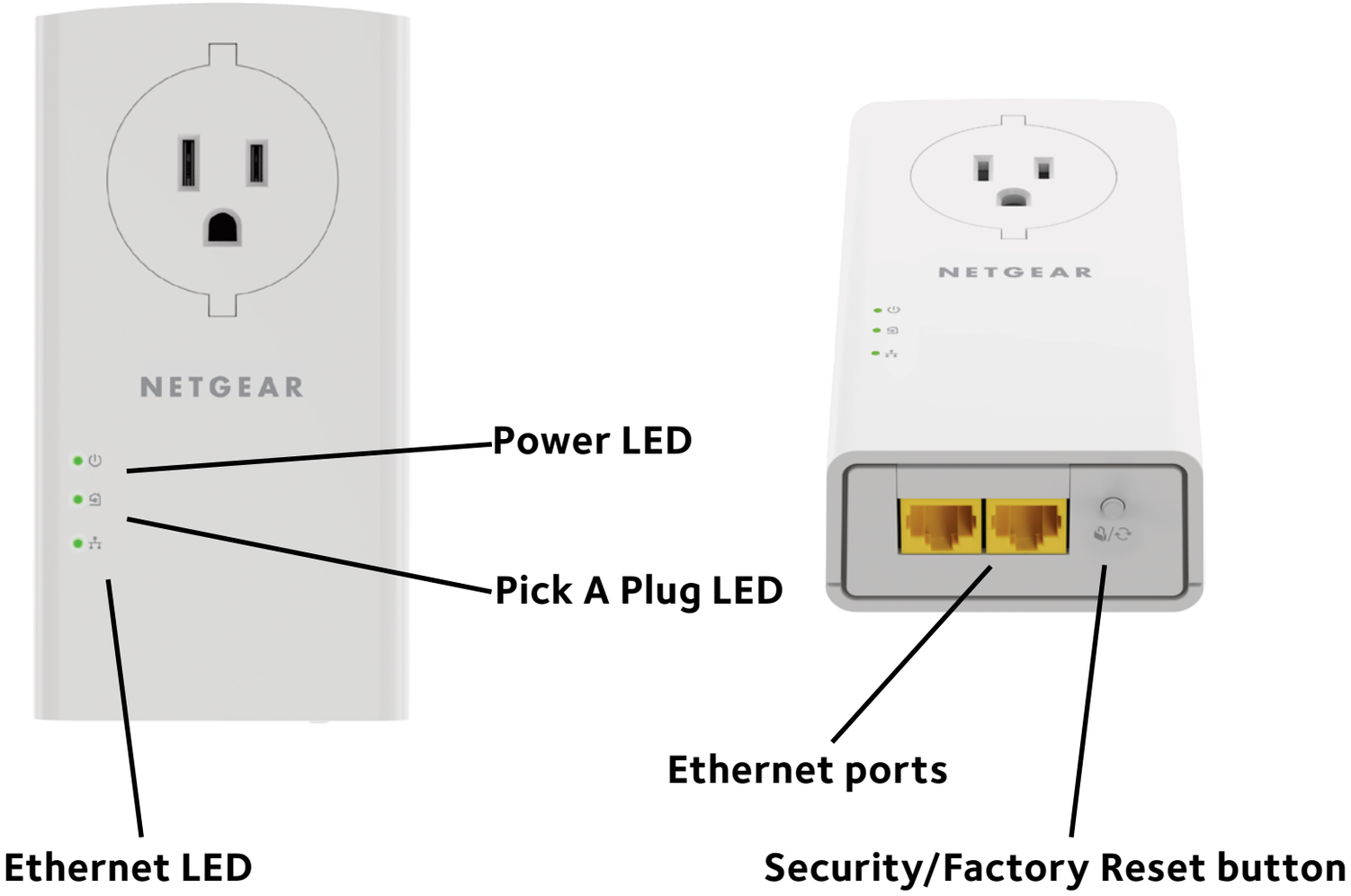


Getting Started

Powerline adapters give you an alternative way to extend your network using your existing electrical wiring. Plug two or more Powerline adapters into electrical outlets to create a wired network connection. You can add up to 16 adapters to extend your network.

Meet Your Adapter

Before you install your adapter, familiarize yourself with its LEDs, buttons, and port.



Power LED

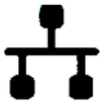
Solid green. The electrical power is on.

Slow blinking green (blink every three seconds). The adapter is in power saving mode.

Blinking green (blink every second). The adapter is in the process of setting up security.

Off. The adapter is not receiving electrical power.

Ethernet LED



Solid green. The Ethernet port is linked.

Off. No Ethernet connection is detected.

Pick A Plug LED

The Pick A Plug feature lets you pick the electrical outlet with the strongest performance, indicated by the color displayed by the LED:

Red. Link rate < 50 Mbps (good).

Amber. Link rate > 50 and < 80 Mbps (better).

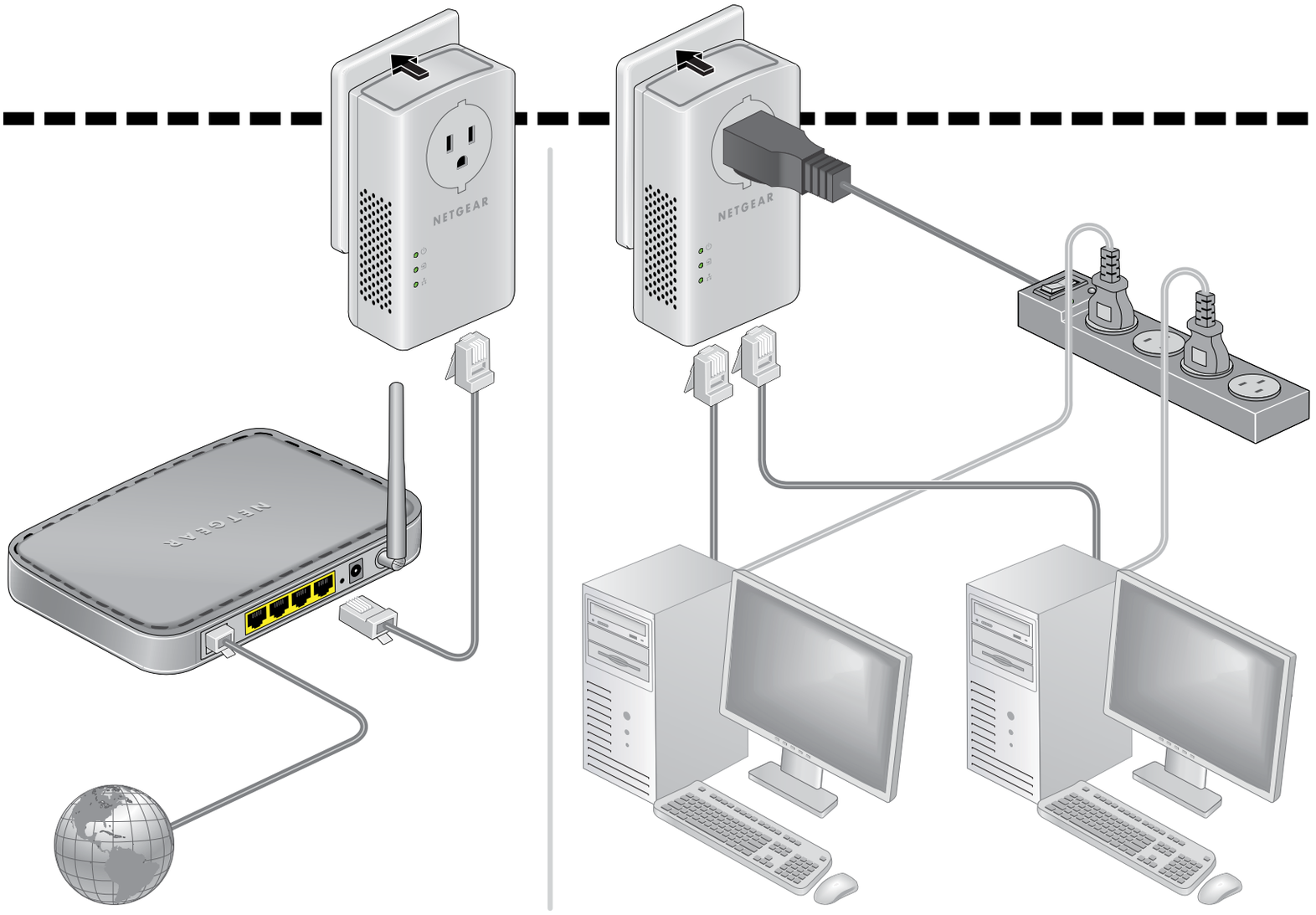
Green. Link rate > 80 Mbps (best).

Off. The adapter did not find any other compatible Powerline devices using the same encryption key.

Security/Factory Reset button	Press and hold the **Security/Factory Reset** button for 1 to 3 seconds and then release it to create a secure Powerline network. Press and hold the **Security/Factory Reset** button for 8 to 10 seconds, and then release it to return the Powerline adapter to its factory default settings.
Ethernet ports	Two GbE ports. Use Ethernet cables to connect your wired devices, including computers, WiFi routers, or game consoles, to your Powerline network.

For information about the standards your adapter meets, see the user manual.

Install Your Adapters



Secure Your Network

Setting security is optional, but highly recommended.

➢ To create a secure network:

1. Plug in your new adapters.
2. Wait until the Pick A Plug LEDs are lit.
3. Press the **Security/Factory Reset** button on one of the adapters for two seconds, and then press the **Security/Factory Reset** button on one of the other adapters in your existing network for two seconds.

   You must press both buttons within two minutes.

   Once secure pairing completes successfully, the power LEDs and Pick A Plug LEDs are lit and the adapter can access the internet.

4. If you are installing additional adapters, repeat Step 3 with one of the secure adapters and one of the adapters that is not yet secured.

Note: The **Security/Factory Reset** button does not work in power saving mode (see *Troubleshooting Tips* on page 10).

Warning: *Do not press the* **Security/Factory Reset** *button on the Powerline adapter until installation is complete and the adapters are communicating with each other (indicated by the blinking Power LED). Pressing this button too soon can temporarily disable Powerline communication. If this occurs, press and hold the* **Security/Factory Reset** *button for 8 to 10 seconds to return the Powerline adapter to its factory default settings.*

Add Adapters

To add adapters before you configure the Security Reset feature, just plug them in and connect the adapters to your equipment.

➢ To add adapters to a Powerline network with security set:

1. Plug in and connect the new adapters.
2. On any of the adapters that are already a part of the secure network, press and hold the **Security/Factory Reset** button for two seconds.
3. On the new adapter, press and hold the **Security/Factory Reset** button for two seconds.

   You must press both buttons within two minutes.

Troubleshooting Tips

Power LED is off.	Make sure that power is supplied to the electrical outlet, and that the Powerline devices are not plugged into an extension cord, power strip, or surge protector.
Power LED is slowly blinking green.	Power saving mode occurs when the Ethernet LED is off. This can occur in the following circumstances: • The Ethernet cable is unplugged. • The device connected through the Ethernet cable is turned off. • The adapter is idle for 10 minutes. It returns to normal mode within two seconds after the Ethernet link is up.
Pick A Plug LED is off.	• If you already set network security, make sure that all Powerline devices are using the same encryption key. See the online user manual for details. • Press and hold the **Security/Factory Reset** button for 8 to 10 seconds on each device to return the Powerline adapter to its factory default settings.

Pick A Plug LED is amber or red.	Something is interfering with communication between adapters. To resolve this, do the following: • Move the adapter to another outlet. • Unplug devices that might be causing interference such as surge suppressors and items with motors.
Ethernet LED is off.	• Make sure that the Ethernet cables are working and securely plugged into the devices. • Press and hold the **Security/Factory Reset** button on each Powerline adapter for 8 to 10 seconds to return the device to its factory default settings.

Support

Thank you for purchasing this NETGEAR product. You can visit *www.netgear.com/support* to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

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For regulatory compliance information, visit *http://www.netgear.com/about/regulatory/*.

See the regulatory compliance document before connecting the power supply.

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