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> NEXUSLINK G.hn 1200 Wave 1 Powerline Ethernet Adapter Kit (GPL-1200-KIT) Instruction Manual

NEXUSLINK GPL-1200-KIT

NEXUSLINK G.hn 1200 Wave 1 Powerline Ethernet Adapter Kit

MODEL: GPL-1200-KIT

1. Introduction

The NEXUSLINK G.hn 1200 Wave 1 Powerline Ethernet Adapter Kit (GPL-1200-KIT) provides a reliable and high-speed internet connection by utilizing your home's existing electrical wiring. This kit allows you to extend your network to areas where Wi-Fi signals may be weak or inconsistent, offering a stable wired connection for devices like smart TVs, gaming consoles, and computers. It is designed for ease of use, requiring no complex wiring or configuration.



NEXUSLINK by COMTREND

A Smarter Way To Stay Connected

Skip the dead zones and slow downloads. NexusLink's G.hn Powerline Ethernet Adapter transforms your electrical outlets into high-speed internet ports—no extra wiring, no hassle. Enjoy fast, stable, secure connectivity in any room with just a plug and a pair.

Now With Pass-Through Outlet

EXPAND ETHERNET LOWER LATENCY AES128 ENCRYPTION

Image: NEXUSLINK Powerline Adapters seamlessly integrating into a home environment to provide extended internet access.

2. Package Contents

Verify that all items are present in your product package:

- Two (2) NEXUSLINK G.hn 1200 Wave 1 Powerline Ethernet Adapters
- Two (2) Ethernet Cables
- One (1) Quick Install Guide



Image: The two NEXUSLINK G.hn Powerline Ethernet Adapters included in the kit.

3. Product Overview

Each NEXUSLINK G.hn Powerline Ethernet Adapter features a compact design with an integrated electrical outlet, allowing you to continue using the wall socket. The front panel includes LED indicators to display the device's

status, and the bottom features an Ethernet port and configuration buttons.

3.1. Adapter Features

- **Pass-Through Outlet:** Allows other electrical devices to be plugged into the adapter.
- **Gigabit Ethernet Port:** For connecting devices via an Ethernet cable.
- **LED Indicators:** Provide visual feedback on connection status, Ethernet activity, and security.
- **Config Button:** Used for pairing adapters and for factory reset.
- **Power Saving Button:** For managing power consumption.



Image: A close-up of the adapter, showing the pass-through outlet, LED indicators, and Ethernet port.

3.2. LED Descriptions

LED	Color	Mode	Description
	Green	On	Current connection (line rate) is more than 40Mbps.
	Orange	On	Current connection (line rate) is between 20Mbps and 40Mbps.

LED Connection	Color	Mode	Description
	Red	On	Current connection (line rate) is between 1Mbps and 20Mbps.
	Red	Off	An Adapter connection does not exist.
		Blinking	Adapter is in Power Saving Mode (blinks twice every 5 seconds).
Ethernet	Green	On	An Ethernet LAN connection is established.
	Green	Blinking	Data over the Ethernet LAN connection is being transmitted.
		Off	An Ethernet LAN connection is not established.
Security	Green	On	The Adapter is paired in Secure Mode.
	Green	Blinking	The Adapter is in Configuration Mode.
		Off	The Adapter is not paired in Secure Mode.

4. Setup

Setting up your NEXUSLINK Powerline Adapter Kit is a simple process. A minimum of two G.hn Powerline Adapters are required to create a network.

4.1. Initial Powerline Adapter Setup

- Plug in the First Adapter:** Plug one Powerline Adapter into a power outlet near your modem/router. For maximum performance, plug the Powerline Adapter directly into the wall outlet. Do not plug into a power strip or surge protector, as network performance could degrade significantly.
- Connect to Modem/Router:** Connect this Powerline Adapter to your modem/router's LAN Port with an Ethernet (RJ-45) cable. Wait 10 seconds for the Ethernet LED to light up GREEN, which indicates a connection is established. A flashing GREEN light indicates that the device is sending data.
- Plug in the Second Adapter:** Plug the other Powerline Adapter into a power outlet near the internet-enabled device (e.g., TV, PC, STB, DVR).
- Connect to Device:** Connect this Powerline Adapter to the internet-enabled device with an Ethernet (RJ-45) cable. The Connection LED and Ethernet LED on the front of the Powerline Adapter should be GREEN, which represents a strong connection.

Plug. Pair. Done.

Setup takes under 2 minutes. Just plug one adapter near your router and the other near your device within 2 minutes of each other, and they'll automatically pair. No software. No configuration. No support calls. It's as simple — and smart — as it gets.



1. Plug adapters into nearby outlets (same room best).



2. Wait for green light, they auto-pair.



3. Connect one to router, one to device via Ethernet.



4. Done! Enjoy a fast, stable connection.

Image: Visual guide for the simple plug, pair, and play setup process.

4.2. Pairing the Powerline Adapters

To ensure a secure and private network, you need to pair your Powerline Adapters:

1. Press the **Config Button** on one Adapter for 3 seconds until you see the Security LED start blinking GREEN.
2. Repeat this process on the other Powerline Adapter. The Security LED and the Connection LED should light up GREEN on both adapters when they are successfully paired. This indicates a secure and strong connection.

To join an existing G.hn Powerline network, press the **Config Button** on any Powerline Adapter in the existing G.hn Powerline network for 3 seconds until you see the Security LED start blinking GREEN. Then press the **Config Button** on the additional Powerline Adapter. The Security LED and the Connection LED will light up GREEN on both adapters.

You can connect up to 16 compatible Powerline devices for seamless coverage throughout your home or office.

Note: This device uses G.hn Wave 1 technology. For higher speeds, consider upgrading to G.hn Wave 2.

NexusLink's Powerline Adapter delivers reliable Ethernet performance—straight from any outlet.



No New Cables. No Complex Setup. Just Fast, Stable Internet Wherever You Need It.

- ✓ Turn your outlets into an ultra-fast network with up to 16 nodes per network.
- ✓ Ideal for connecting PCs, Smart TVs, Streaming Devices, Gaming Consoles, and more!
- ✓ Deliver a wired connection to hard-to-reach locations without running Ethernet through walls.



For optimal performance, we recommend maintaining either a G.hn Wave 1 or 2 Powerline Network Only.



When using G.hn technology, only use G.hn throughout your network due to possible compatibility issues.

Image: A diagram showing how Powerline Adapters extend a network from a router to different rooms in a house.

5. Operating Instructions

Once your NEXUSLINK Powerline Adapter Kit is set up and paired, it operates automatically. The adapters create a stable wired network connection through your electrical outlets, eliminating the need for new Ethernet cables.

- **Automatic Connection:** After initial setup, the adapters will automatically establish a connection when powered on.
- **Expanding Your Network:** You can add more G.hn compatible Powerline Adapters to your network, up to a maximum of 16 devices, by following the pairing instructions in Section 4.2.
- **Power Saving Mode:** The adapters are designed to enter a power-saving mode when no data is being transmitted, indicated by a blinking Connection LED.

From Consoles to Smart TVs...



—You're Covered

Whether you're streaming, gaming, printing, or browsing, NexusLink keeps it all online.



Image: The Powerline Adapter providing a wired connection for various devices, from gaming consoles to smart TVs.

Video: A short demonstration highlighting the benefits of Powerline adapters for connected devices, emphasizing a better alternative to Wi-Fi.

6. Maintenance

The NEXUSLINK Powerline Ethernet Adapter Kit requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Keep Clean:** Regularly wipe the adapters with a dry, soft cloth to remove dust.
- **Avoid Obstructions:** Ensure the adapters are not covered or placed in enclosed spaces that could hinder ventilation.
- **Direct Wall Plug:** Always plug the adapters directly into a wall outlet. Avoid power strips, extension cords, or surge protectors, as these can interfere with the powerline signal and reduce performance.
- **Environmental Conditions:** Use the adapters in indoor environments only. Do not expose them to water or extreme temperatures.

7. Troubleshooting

If you encounter issues with your Powerline Adapter Kit, refer to the following troubleshooting steps:

- **Connection LED is OFF:** This indicates that a Powerline Adapter connection does not exist. Try plugging both Powerline Adapters into power outlets located within the same room. The Connection LED should light up GREEN. If not, press the **Config Button** on each adapter for more than 10 seconds to factory reset, then attempt pairing again.
- **Ethernet LED is OFF:** If the Ethernet LED fails to light up, check that the LAN port of the Powerline Adapter is connected firmly to the LAN port of the other device (e.g., computer, router). Try using a different Ethernet cable to test the connection.
- **Security LED is OFF:** This means the adapter is not paired in Secure Mode. Follow the pairing instructions in Section 4.2 to establish a secure connection.
- **Slow Connection Speed:** Ensure both adapters are plugged directly into wall outlets and not into power strips. Interference from other electrical devices on the same circuit can also affect performance. Try moving the adapters to different outlets.

8. Specifications

Feature	Detail
Brand	NEXUSLINK
Model	GPL-1200-KIT
Data Transfer Rate	1200 Megabits Per Second
Hardware Interface	Ethernet
Data Link Protocol	Ethernet
Compatible Devices	Desktop, Game Console, Laptop, Mouse, Printer, Smart TV, Smartphone, Speaker, Tablet
UPC	897384000937
Power Input	100-240Vac, 50/60Hz, 15A

9. Warranty and Support

For product support, additional resources, FAQs, and videos, please visit the official NEXUSLINK website or contact customer service.

- **Product Webpage:** nexuslinkusa.com/product/gpl-1200-kit
- **Customer Support:** Call (855) 337-6750

Information regarding specific warranty terms may be available on the product webpage or included with your purchase documentation.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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