

COMTREND PG-9172PT-KIT

Comtrend PG-9172PT-KIT G.hn Powerline Ethernet Adapter User Manual

MODEL: PG-9172PT-KIT

1. Introduction

The Comtrend PG-9172PT-KIT G.hn Powerline Ethernet Adapter transforms your standard electrical outlets into a high-speed wired network connection. This kit provides a reliable internet connection, extending network access to areas where Wi-Fi signals may be weak or inconsistent. It is an ideal solution for applications requiring stable bandwidth, such as online gaming, high-definition streaming, and home office setups.

2. Package Contents

Verify that all items are present in your package:

- 2 x Comtrend G.hn Powerline Adapters (PG-9172PT)
- 1 x RJ-45 Ethernet Cable
- 1 x Quick Installation Guide

3. Product Overview

Each Comtrend PG-9172PT adapter features a compact design with a pass-through electrical outlet and essential indicators for easy monitoring.



Figure 1: Two Comtrend PG-9172PT G.hn Powerline Ethernet Adapters included in the kit.

3.1 Front Panel

The front panel includes the pass-through electrical outlet and LED indicators.



Figure 2: Front view of a single Comtrend PG-9172PT Powerline Adapter, showing the pass-through outlet and LED indicators.

- **Pass-Through Outlet:** Allows you to plug in another electrical device, ensuring the power outlet remains available.
- **Power LED:** Indicates the power status of the adapter.
- **Powerline LED:** Indicates the status of the powerline connection. A solid light typically means a stable connection.
- **Ethernet LED:** Indicates the status of the Ethernet connection to a device.

3.2 Bottom Panel

The bottom panel houses the Ethernet port.



Figure 3: Bottom view of the Comtrend PG-9172PT Powerline Adapter, highlighting the Ethernet port.

- **Ethernet Port:** Connects to your router, computer, gaming console, or other network-enabled devices using an RJ-45 Ethernet cable.

3.3 Side Panel

The side panel features the Security/Reset button.



Figure 4: Side view of the Comtrend PG-9172PT Powerline Adapter, showing the Security/Reset button.

- **Security/Reset Button:** Used for establishing a secure powerline network or resetting the device to factory

defaults.

4. Setup and Installation

The Comtrend PG-9172PT-KIT is designed for easy plug-and-play setup. Follow these steps to establish your powerline network:

1. **Connect the First Adapter:** Plug one PG-9172PT adapter directly into a wall electrical outlet near your internet router. Avoid using surge protectors or power strips, as they can interfere with powerline performance.
2. **Connect to Router:** Use an Ethernet cable to connect the Ethernet port on this adapter to an available LAN port on your internet router.
3. **Connect the Second Adapter:** Plug the second PG-9172PT adapter directly into a wall electrical outlet in the room where you need network access. Again, avoid surge protectors or power strips.
4. **Connect to Device:** Use an Ethernet cable to connect the Ethernet port on this second adapter to your computer, smart TV, gaming console, or other network-enabled device.
5. **Verify Connection:** Wait a few moments for the adapters to establish a connection. The Powerline LED on both adapters should turn solid, indicating a successful connection. The Ethernet LED should also light up when connected to a device.
6. **Secure Network (Optional):** To enhance security, press the Security/Reset button on one adapter for 1-2 seconds, then within two minutes, press the Security/Reset button on the other adapter for 1-2 seconds. The Powerline LEDs will flash during this process and then turn solid when a secure connection is established.

Note: Performance may vary based on home wiring and electrical conditions. For optimal performance, plug adapters directly into wall outlets.

5. Operating Instructions

Once installed, the Comtrend G.hn Powerline Ethernet Adapters operate automatically. They extend your network by transmitting data over your home's electrical wiring. Any device connected via Ethernet to an adapter will have network access.

- **G.hn Technology:** This technology optimizes bandwidth efficiency, which can improve video quality and reduce lag for online activities.
- **Pass-Through Outlet:** The integrated pass-through outlet allows you to continue using the electrical socket for other devices without compromising the powerline connection.

6. Maintenance

To ensure the longevity and optimal performance of your Comtrend Powerline Ethernet Adapters, consider the following:

- Keep the adapters clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid placing the adapters in direct sunlight or in areas with high humidity or extreme temperatures.
- Do not block the ventilation holes on the adapters.
- Always plug the adapters directly into a wall outlet. Avoid power strips, extension cords, or surge protectors, as these can degrade performance.

7. Troubleshooting

If you encounter issues with your Comtrend Powerline Ethernet Adapters, refer to the following common solutions:

- **No Powerline Connection (Powerline LED Off/Flashing):**
 - Ensure both adapters are plugged directly into wall outlets and powered on.
 - Try plugging the adapters into different outlets to rule out issues with a specific electrical circuit.
 - Avoid plugging adapters into surge protectors, power strips, or extension cords.
 - Ensure the electrical wiring in your home is suitable for powerline communication. Performance can be affected by older or complex wiring.
- **No Internet Access on Connected Device:**
 - Verify that the Powerline LED is solid on both adapters.
 - Check the Ethernet cable connection between the adapter and your device, and between the first adapter and your router.
 - Ensure your router has an active internet connection.
 - Restart your router and both powerline adapters.
- **Slow Connection Speed:**
 - Performance is highly dependent on electrical wiring conditions. Try moving adapters to outlets on the same electrical circuit if possible.
 - Ensure no high-power electrical appliances (e.g., washing machines, refrigerators) are on the same circuit as the adapters, as they can cause interference.
 - Avoid using surge protectors or power strips.
- **Configuration Issues (Advanced Users):**
 - The adapters may default to a static IP address (e.g., 192.168.0.5) with DHCP disabled. If you need to access the web interface for advanced configuration, connect a computer directly to one adapter and manually configure your computer's IP address to be on the same subnet (e.g., 192.168.0.10).
 - A factory reset will revert all settings, including IP configuration, to their defaults. To perform a factory reset, press and hold the Security/Reset button for more than 10 seconds until the LEDs flash, then release.

8. Specifications

Feature	Detail
Model Number	PG-9172PT-KIT
Brand	COMTREND
Hardware Interface	Ethernet
Data Link Protocol	Ethernet
Data Transfer Rate	1200 Megabits Per Second (Mbps)
Product Dimensions	2.25 x 4.85 x 1.45 inches
Item Weight	1.32 pounds
UPC	897384000876
Color	White

9. Warranty Information

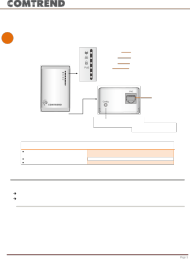



Specific warranty details for the Comtrend PG-9172PT-KIT are typically provided with the product packaging or available on the manufacturer's official website. Please refer to these resources for comprehensive warranty terms and conditions.

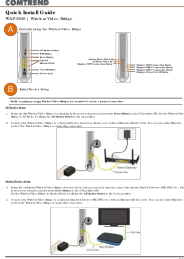

10. Support

For further assistance, technical support, or to download the latest firmware and documentation, please visit the official Comtrend website. Support resources often include FAQs, troubleshooting guides, and contact information for customer service.

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Related Documents - PG-9172PT-KIT

	<p>Comtrend PG-9172PoE Quick Install Guide: Powerline Ethernet Adapter Setup</p> <p>Learn how to quickly set up your Comtrend PG-9172PoE and PG-9172 Powerline Ethernet Adapters to extend your network using existing electrical wiring. This guide covers basic installation, network creation, and troubleshooting.</p>
	<p>Comtrend PG-9182PT Powerline Ethernet Adapter User Manual</p> <p>User manual for the Comtrend PG-9182PT Powerline Ethernet Adapter, detailing installation, setup, configuration, and troubleshooting. Learn how to enhance your home network using G.hn technology.</p>
	<p>Comtrend GCA-7000 User Manual: Installation, Configuration, and Operation Guide</p> <p>Get detailed instructions for the Comtrend GCA-7000 G.hn Ethernet over Coax Adapter. This user manual covers setup, safety, network configuration, and advanced features for optimal performance.</p>
	<p>Comtrend GCA-7000 G.hn Coax Adapter Quick Installation Guide</p> <p>A quick installation guide for the Comtrend GCA-7000 G.hn Coax Adapter, detailing setup steps, device features, and troubleshooting tips for creating a G.hn Coax Network.</p>

 <p>The thumbnail shows the first two pages of the 'Comtrend WAP-5940 Wireless Video Bridge Quick Install Guide'. Page 1 includes the title, a list of contents, and a diagram of the device's ports. Page 2 shows the 'Quick Start' section with numbered steps for connecting the device to a computer and a camera.</p>	<p>Comtrend WAP-5940 Wireless Video Bridge Quick Install Guide</p> <p>A quick installation guide for the Comtrend WAP-5940 Wireless Video Bridge, detailing setup, configuration via WPS, and troubleshooting steps for creating a wireless video bridge connection.</p>
 <p>The thumbnail shows the first two pages of the 'Comtrend NL-3120 Modem/Router DSL Installation and Setup Guide'. Page 1 includes the title, a list of contents, and a diagram of the device's ports. Page 2 shows the 'Quick Start' section with numbered steps for connecting the device to a computer and a DSL line.</p>	<p>Comtrend NL-3120 Modem/Router DSL Installation and Setup Guide</p> <p>A concise guide for installing and setting up the Comtrend NL-3120 Modem/Router DSL. Includes connection steps, power-on instructions, and indicator light explanations.</p>