Comtrend PG-9172PT

Comtrend PG-9172PT-KIT 1200Mbps G.hn Powerline Ethernet Adapter User Manual

Model: PG-9172PT

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Comtrend PG-9172PT-KIT 1200Mbps G.hn Powerline Ethernet Adapter with Pass-Through Outlet. This device utilizes your home's existing electrical wiring to extend your network connection, offering a reliable alternative to Wi-Fi for connecting devices.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Comtrend PG-9172PT G.hn Powerline Adapter (2 units)
- Ethernet Cable (2 units)
- Quick Installation Guide

PRODUCT OVERVIEW

The Comtrend PG-9172PT adapter features a pass-through electrical outlet, allowing other devices to be plugged into the same wall socket without losing the powerline connection. Key components include:

- **Power LED:** Indicates power status.
- **Powerline LED:** Indicates powerline network activity and connection quality.
- **Ethernet LED:** Indicates Ethernet port activity.
- **Pair Button:** Used for secure pairing with other G.hn powerline devices.
- **Ethernet Port:** Connects to your router or network devices.
- **Integrated Electrical Outlet:** For plugging in other electrical devices.

Figure 1: Front view of the Comtrend PG-9172PT Powerline Adapter, showing LEDs and pass-through outlet.

SETUP INSTRUCTIONS

Follow these steps to set up your Comtrend G.hn Powerline network:

1. **Connect the First Adapter:** Plug one PG-9172PT adapter into a wall outlet near your internet router. Avoid power strips or surge protectors, as they can interfere with powerline performance.

2. **Connect to Router:** Use an Ethernet cable to connect the adapter's Ethernet port to an available LAN port on your internet router.

3. **Connect the Second Adapter:** Plug the second PG-9172PT adapter into a wall outlet in the room where you need network access.

4. **Connect Network Device:** Use an Ethernet cable to connect the second adapter's Ethernet port to your network device (e.g., computer, smart TV, game console).

5. **Verify Connection:** Wait for the Powerline LED on both adapters to turn solid green, indicating a successful connection. If the LED is amber or red, the connection quality may be lower. If it's off, there's no connection.

6. **Secure Pairing (Optional but Recommended):** For enhanced security, press the Pair button on the first adapter for 2 seconds. Within 2 minutes, press the Pair button on the second adapter for 2

seconds. The Powerline LEDs will flash during pairing and become solid when successful.

Figure 2: Diagram illustrating the connection of two powerline adapters: one to the router and the other to an end device.

OPERATING THE DEVICE

Once set up, the Comtrend PG-9172PT adapters operate automatically. The pass-through outlet allows you to continue using the wall socket for other electrical appliances without affecting the powerline network performance. The LEDs provide visual feedback on the network status:

- **Power LED (Solid Green):** Device is powered on.
- **Powerline LED (Solid Green):** Best connection speed.
- **Powerline LED (Solid Amber):** Better connection speed.
- **Powerline LED (Solid Red):** Good connection speed.
- **Powerline LED (Off):** No powerline connection.
- **Ethernet LED (Solid Green):** Ethernet link established.
- **Ethernet LED (Flashing Green):** Data activity on Ethernet port.
- **Ethernet LED (Off):** No Ethernet link.

MAINTENANCE

The Comtrend PG-9172PT-KIT requires minimal maintenance. To ensure optimal performance and longevity:

- Keep the adapters in a well-ventilated area, away from direct sunlight and heat sources.
- Avoid plugging the adapters into power strips, extension cords, or surge protectors, as this can degrade performance. Plug them directly into a wall outlet.
- Clean the exterior of the adapters with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Periodically check for firmware updates on the Comtrend official website to ensure the best performance and security.

TROUBLESHOOTING

Problem	Possible Solution
No Powerline LED light.	- Ensure both adapters are plugged directly into a wall outlet. - Verify that the electrical outlets are active. - Try a different wall outlet.
Slow connection speed (Amber/Red Powerline LED).	- Move adapters to different outlets to find a better electrical circuit path. - Ensure adapters are not near high-power electrical appliances (e.g., washing machines, refrigerators) that can cause interference. - Avoid plugging into power strips or surge protectors.
No internet access on connected device.	- Check if the router has internet access. - Ensure Ethernet cables are securely connected to both the adapter and the device/router. - Restart the router, then the powerline adapters, and finally the connected device. - Perform the secure pairing process again.

SPECIFICATIONS

- **Model Number:** PG-9172PT
- **Data Transfer Rate:** Up to 1200 Mbps
- **Data Link Protocol:** G.hn
- **Hardware Interface:** Ethernet
- **Dimensions:** Approximately 7.01 x 5.24 x 3.5 inches
- **Item Weight:** Approximately 1.28 pounds
- **UPC:** 687368409623
- **Manufacturer:** Comtrend

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Comtrend website. Support resources typically include FAQs, driver downloads, and contact information for customer service.

Comtrend Official Website: www.comtrend.com