

Quick Install Guide

PG-9182PT G.hn 2000 Powerline Adapter

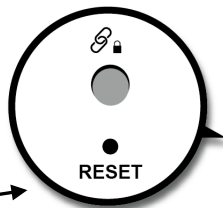
A

Understanding Your Powerline Adapter



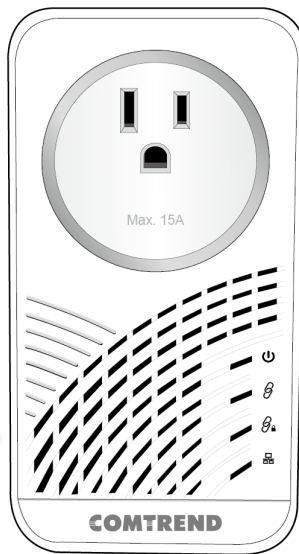
Security Button

Enables Device Synchronization in Secure Mode



Reset Button

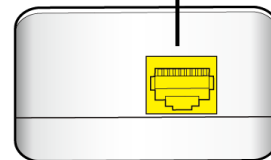
Press for more than 10 seconds for Factory Reset



LED Icons

Descriptions are provided below.

Ethernet Port



LED	Color	Mode	Description
Power LED 	Green	On	The Adapter is powered on.
	Off	Off	The Adapter is powered off or faulty.
Connection LED 	Green	On	The current connection (line rate) is more than 40Mbps.
	Orange	On	The current connection (line rate) is between 5Mbps and 40Mbps.
	Red	On	The current connection (line rate) is less than 5Mbps.
	Off	Off	An Adapter connection does not exist.
Security LED 	Green	On	The Adapter is secure (it has received or generated network keys).
		Blinking	The Adapter is in the process of being secure.
	Off	Off	The Adapter is not secure.
Ethernet LED 	Green	On	An Ethernet LAN connection is established.
		Blinking	Data over the Ethernet LAN connection is being transmitted.
	Off	Off	An Ethernet LAN connection is not established.


B

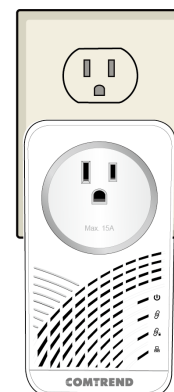
Initial Powerline Adapter Setup


NOTE: A minimum of two G.hn Powerline Adapters are required.

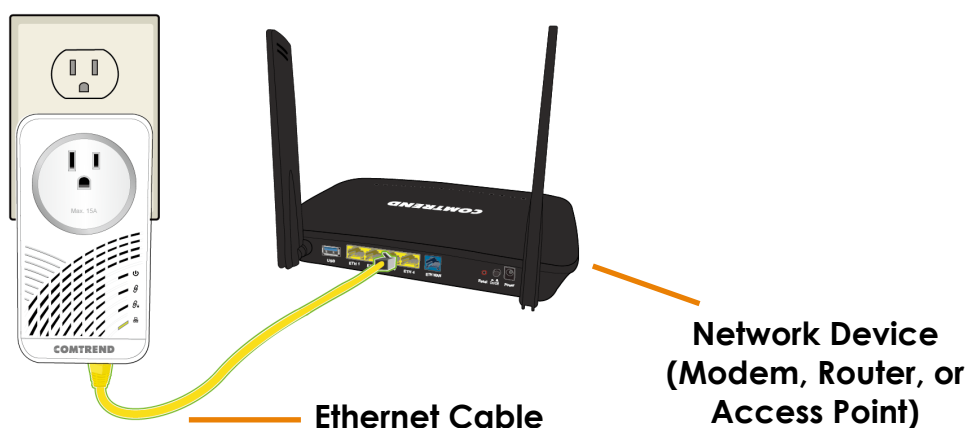
- If you are setting up a G.hn Powerline network for the first time, then follow the below steps.
- If you are adding to an existing G.hn Powerline network, then skip to Steps 3-4.

1. Plug one Powerline Adapter into a power outlet near your Network Device (Modem, Router, or Access Point).

 For maximum performance, please 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.



2. Connect the Powerline Adapter to your Network Device (Modem, Router, or Access Point) 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.



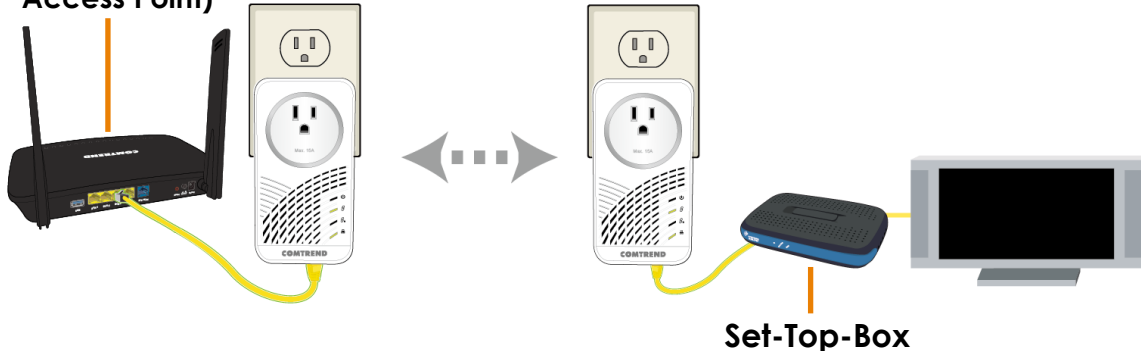
C

Device Connection

3. Plug the **additional** Powerline Adapter into a power outlet near the Internet-enabled device (ex. TV, PC, STB, DVR, etc.).





4. Connect this Powerline Adapter to the Internet-enabled device (ex. TV, PC, STB, DVR, etc.). with an Ethernet (RJ-45) cable. The **Connection LED**  and **Ethernet LED**  on the front of both Powerline Adapters should be **GREEN**, which represents a strong connection.





**Network Device
(Modem, Router, or
Access Point)**



D

Pairing the Powerline Adapters

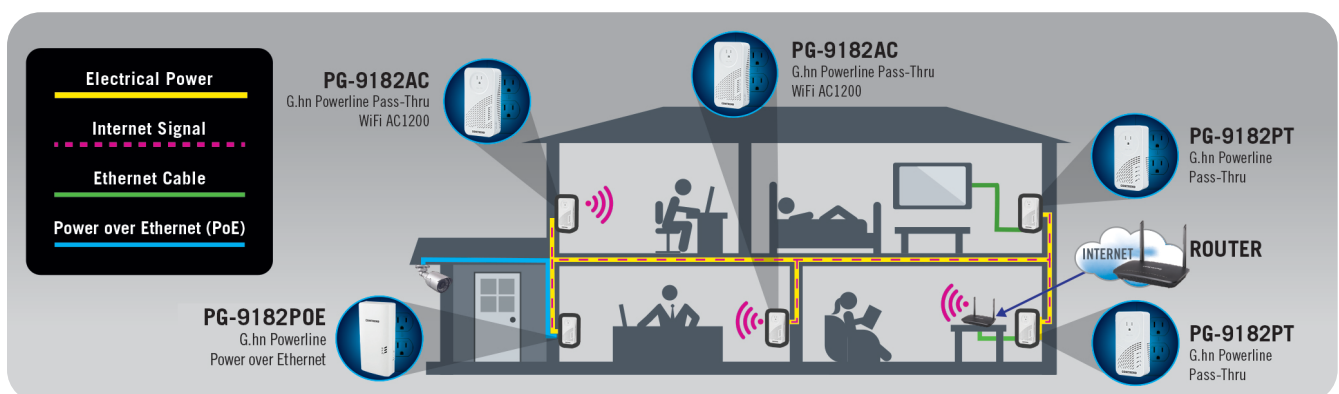
5. Press the **Security Button** on one Adapter until you see the **Security LED**  start blinking **GREEN**. Then press the **Security Button** on the second Adapter until you see the **Security LED**  start blinking **GREEN**. The **Security LED**  and the **Connection LED**  should be solid **GREEN** on both Adapters when they are successfully paired.

Note: If you are adding to an existing G.hn Powerline network, then press the **Security Button** on any Adapter in the existing G.hn Powerline network until you see the **Security LED**  start blinking **GREEN**. Then press the **Security Button** on the Powerline Adapter you are adding until you see the **Security LED**  start blinking **GREEN**. The **Security LED**  and the **Connection LED**  will light up **GREEN** on all adapters within the G.hn Powerline network.

6. Repeat Steps 3 to 4 to add additional Powerline Adapters. Please note that up to 16 devices can be connected within a Powerline G.hn Network.

E


You Have Successfully Set Up Your G.hn Powerline Network!







Troubleshooting

The following information should help you diagnose basic setup or installation problems.

Connection LED  is OFF: The **Connection LED** shows that the Powerline Adapter is connected to the G.hn Network. If the indicator is off, then plug both Powerline Adapters that you are attempting to pair into power outlets that are located within the same room. The **Connection LED** should light up **GREEN**. If not, then press the **Reset Button** on each adapter for more than 10 seconds. Afterwards, you can plug the units back into their original location.

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. To check the condition of the Ethernet cable, use another cable to test the same connection.

Security LED  is OFF: If the **Security LED** is off, then it means the Powerline Adapter is not securely paired. Press the **Security Button** on the Powerline Adapter for 3 seconds until you see the **Security LED** start flashing **GREEN**. Repeat this on the other Powerline Adapter. The **Security LED** and the **Connection LED** will light up **GREEN** on both adapters. This means the adapters are now securely paired and have a strong connection.

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

*If you have tried the above and are still experiencing problems, you can reset all devices to factory default by pushing the **Reset Button** for more than 10 seconds (until all the LEDs of the device blink).

Power Specifications:

- I/P: 100-125Vac, 50/60Hz, 15A
- O/P: 100-125Vac, 50/60Hz, 15A



WARNING

- For indoor use only
- Disconnect the PLC from the power source before servicing
- Do NOT open the casing
- Do NOT use near water
- Do NOT insert sharp objects into the adapter's socket
- Socket maximum output is 15A

FOR MORE HELP: For instructions on advanced features, FAQ, etc., please visit the PG-9182PT online Product Webpage on our website.

For more information:

YouTube: <https://www.youtube.com/user/ComtrendConnection>

Facebook: <https://facebook.com/Comtrend>

Website: <http://us.comtrend.com/>

Support: Visit our website or call (949) 753-9640

