COMTREND
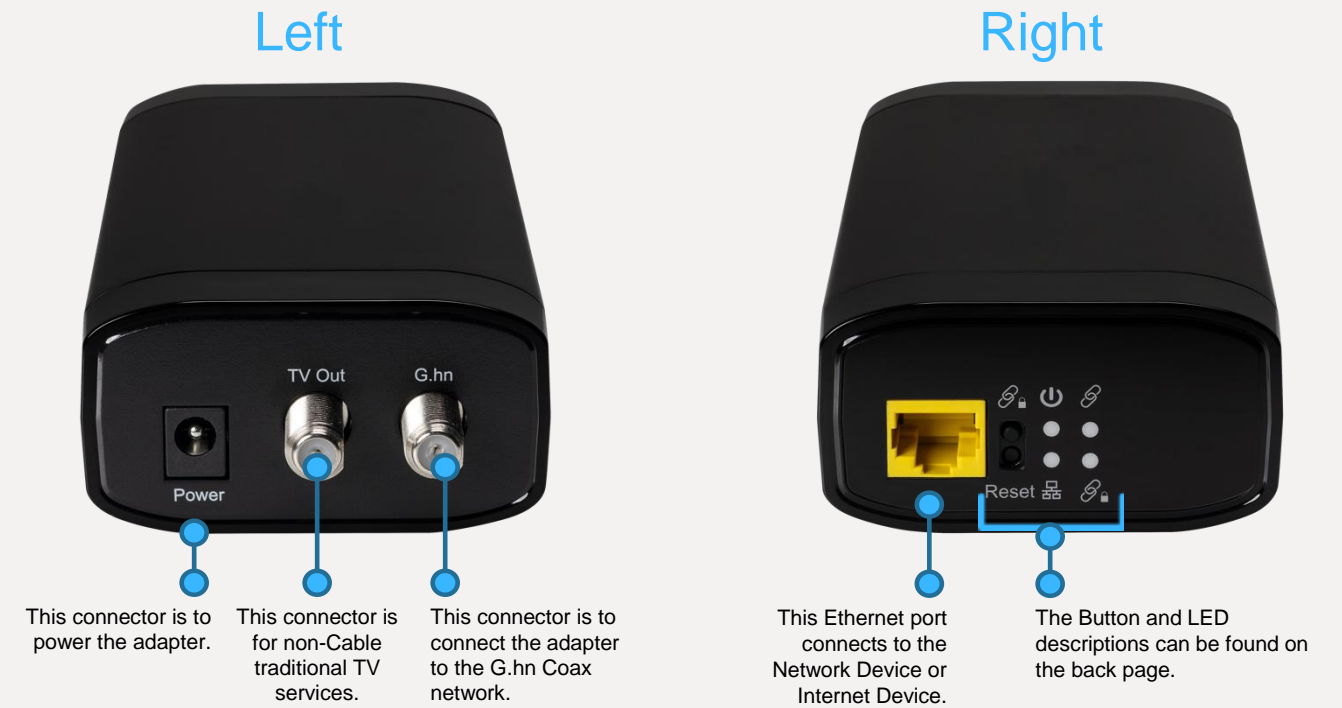
Quick Installation Guide

GCA-7000 G.hn Coax Adapter
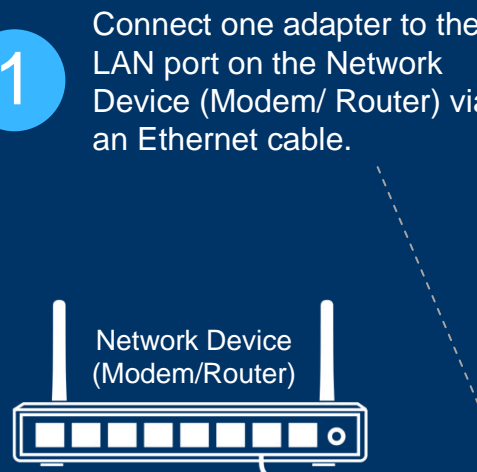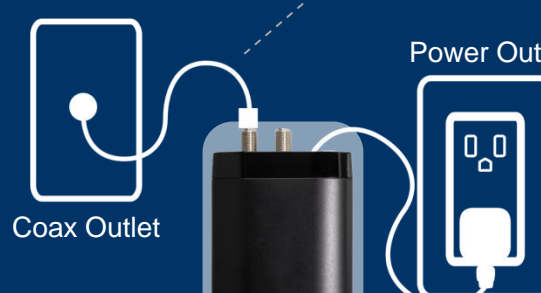
⚠️ IMPORTANT: Read Before Setting Up the Adapter

1. It takes two adapters to create a G.hn Coax Network. If you are adding onto an existing G.hn Coax Network, then please skip to Step B. If you are adding on to an <u>already securely paired</u> G.hn Coax Network (i.e. the Security LED is **GREEN**), then you must complete Step C.

2. We do <u>not</u> recommend using this G.hn Coax Adapter if you receive Cable & Satellite TV services. If this is your situation, please contact our Tech Support at (855) 337-6750 to discuss alternative options for your connectivity.

3. Plug adapters into wall electrical outlets instead of power strips. Using a power strip will affect network performance and may even cause dropped connections.
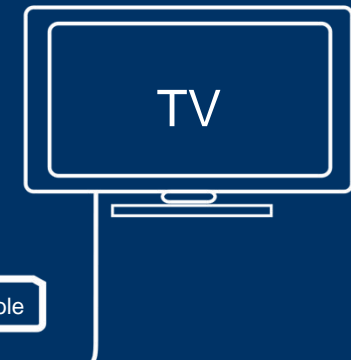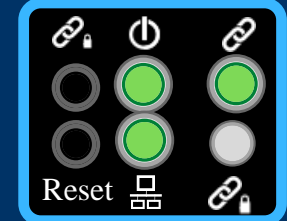
Get To Know Your G.hn Wave 2 Coax Adapter

Left

TV Out   G.hn

Power

This connector is to power the adapter.

This connector is for non-Cable traditional TV services.

This connector is to connect the adapter to the G.hn Coax network.

Right

Reset

This Ethernet port connects to the Network Device or Internet Device.

The Button and LED descriptions can be found on the back page.

A) Set Up the First Adapter Near Your Network Device (Modem/Router)

1 Connect one adapter to the LAN port on the Network Device (Modem/ Router) via an Ethernet cable.

2 Connect the coaxial cable to the "G.hn" connector of the Coax Adapter and to a coax wall outlet.

Power Outlet

Coax Outlet

Network Device (Modem/Router)

3 Plug the adapter into a power outlet via the power adapter. Note: If the Power LED ⏻ is not GREEN, then please refer to the FAQs on the back page.
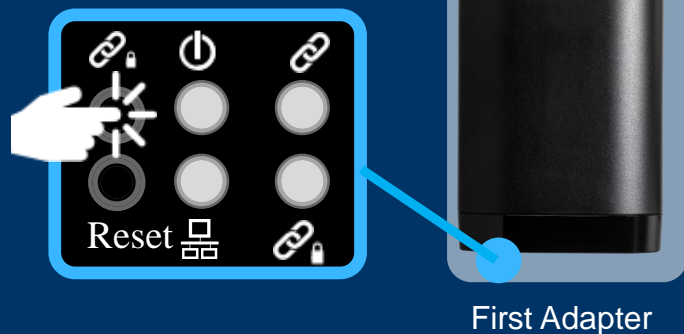
B) Set Up the Second Adapter Near Your Internet Device (Smart TV, Gaming Console, PC, etc.)

5 Plug this adapter into a power outlet via the power adapter. Note: If the Power LED ⏻ is not GREEN, please refer to the FAQs.

Coax Outlet

Power Outlet

TV

Gaming Console

7 The Power LED, Connection LED, and Ethernet LED should be GREEN on both adapters.

4 Connect the second coaxial cable to the "G.hn" connector of the other Coax Adapter and to a coax wall outlet.

6 Now connect the adapter into your Internet device (i.e. Gaming Console, PC, etc.) via an Ethernet cable.

Reset

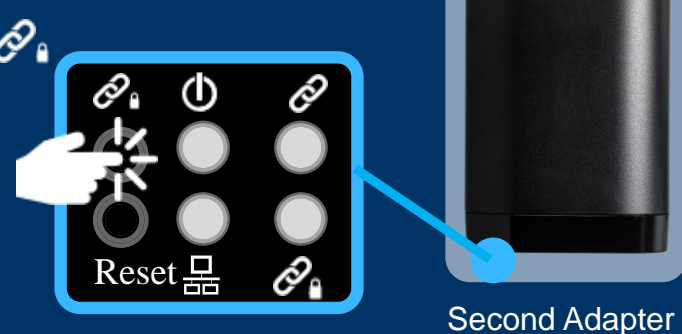## C) Optional: Create a Secure G.hn Coax Network by Pairing

Important Note: If you are adding on to an already securely paired G.hn Coax Network, then you <u>must</u> complete this Step.

1 Press the Security Button on one adapter until you see the Security LED 🔗 start blinking GREEN.

First Adapter

2 Within two minutes, press the Security Button on the second adapter until you see the Security LED 🔗 start blinking GREEN.

The Security LED 🔗 should be solid GREEN on both adapters when they are successfully paired.
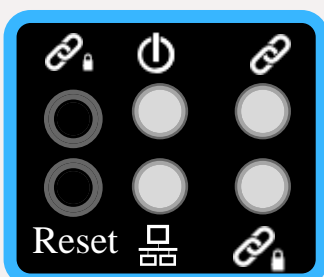
Second Adapter

D) The device is now part of a G.hn Coax Network!

8 To add additional Coax Adapters, follow Steps B and C.

You can have up to 16 G.hn Coax Adapters in one G.hn Coax Network.

Buttons & LEDs Descriptions

Buttons

🔗 **Security Button**

Push this button for more than 2 seconds to securely pair the network.

Reset Button

Push this button for 10 seconds (until all of the LEDs on the device blink) to reset the device to factory default.

LEDs

⏻ **Power**

🟢 Adapter is powered on.

⚪ Adapter is powered off or faulty.

🔗 **Connection**

🟢 Coax connection rate is more than 40Mbps.

🟠 Coax connection rate is less than 40Mbps and more than 5Mbps.

🔴 Coax connection rate is less than 5Mbps.

⚪ There is no coax connection.

Ethernet

🟢 Ethernet LAN connection is established.

🟢 Blinking — Data over the Ethernet LAN connection is being transmitted.

⚪ An Ethernet LAN connection is not established.

🔗 **Security**

🟢 The adapter is secure (it has received or generated network keys).

🟢 Blinking — The adapter is in the process of being secure.

⚪ The adapter is not secure.

Frequently Asked Questions

Q: Which connector should I use to connect my Coax Outlet to the Coax Adapter?
A. Please use the G.hn connector – it is used to transmit networking traffic between your home networking device.

Q. When should I use the TV Out connector?
A. The TV Out connector is to be used only when transmitting CATV (Community Access Television/ Community Antenna Television) to your TV.

Q: Is the GCA-7000 interoperable with MoCA adapters?
A: No, it is not. If a location has implemented MoCA over Coax to deliver Internet service, the G.hn over Coax solution will not work in those specific locations due to frequency conflict issues with MoCA over Coax.

Q: Can I use G.hn Wave 1 and G.hn Wave 2 on the same network?
A: We do <u>not</u> recommend using G.hn Wave 1 and G.hn Wave 2 together in a single network.

Q: What should I do if my GCA-7000 will not power on?
A: If your GCA-7000 adapter will not power on, then try using a different power adapter to determine if the power adapter is faulty.

Q: What should I do if my devices will not connect?
A: If your GCA-7000 adapters are not connecting (i.e. the Connection LED 🔗 is OFF), then first plug the problem GCA-7000 unit into a coax outlet next to the other GCA-7000 unit; both GCA-7000 having been connected by Ethernet cable to their respective devices (i.e. Network Device, Smart TV, PC, etc.). After approximately 10 seconds, the Connection LED should light up GREEN. If not, then first reset both devices by pressing the Reset Button on each adapter for more than 10 seconds. Then go to Step B in the Quick Install Guide and follow the installation steps.

Need More Help?

Call
(855) 337-6750

Email
Home.Support@Comtrend.com

Visit our webpage for FAQs/ User Manual/ Videos

SCAN ME

https://us.comtrend.com/products/gca-7000/

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