

Quick Install Guide

GCA-1200 G.hn Ethernet over Coax Adapter



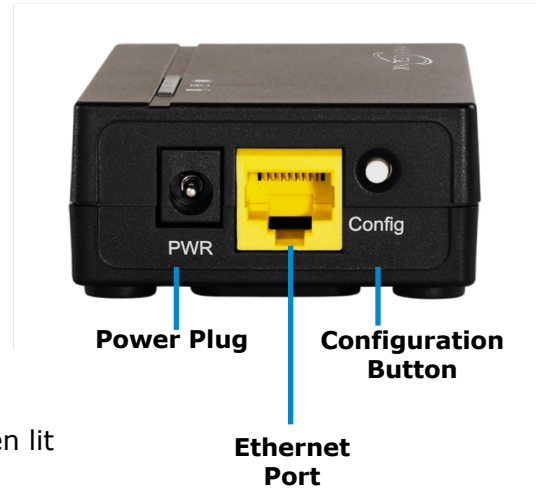
Understanding Your G.hn Coax Adapter



Coverage LED:
Adapters are paired when lit

Security LED:
Connection is secure when lit




Ethernet LED:
Directly connected device is active when blinking



Power Plug

Configuration Button

Ethernet Port

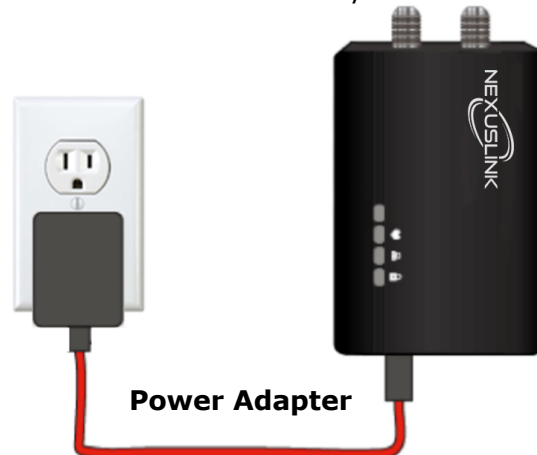
LED	Color	Mode	Description
Connection 	Green	On	The current connection (line rate) is greater than 20 Mbps.
	Orange	On	The current connection (line rate) is greater than 20 Mbps and less than 40 Mbps.
	Red	On	The current connection (line rate) is between 1 and 20 Mbps.
		Off	No LINK connection exists.
		Blink	The adapter is in power saving mode (blinks twice every 5 seconds).
Ethernet 	Green	On	A LAN connection is established.
		Off	A LAN connection is not established.
		Blink	Data is being transmitted/received.
Security 	Green	On	The adapter is in secure mode.
		Off	The adapter is not in secure mode.
		Blink	Slow: The adapter is pairing. Fast: The adapter is returning to pairing default settings.

B

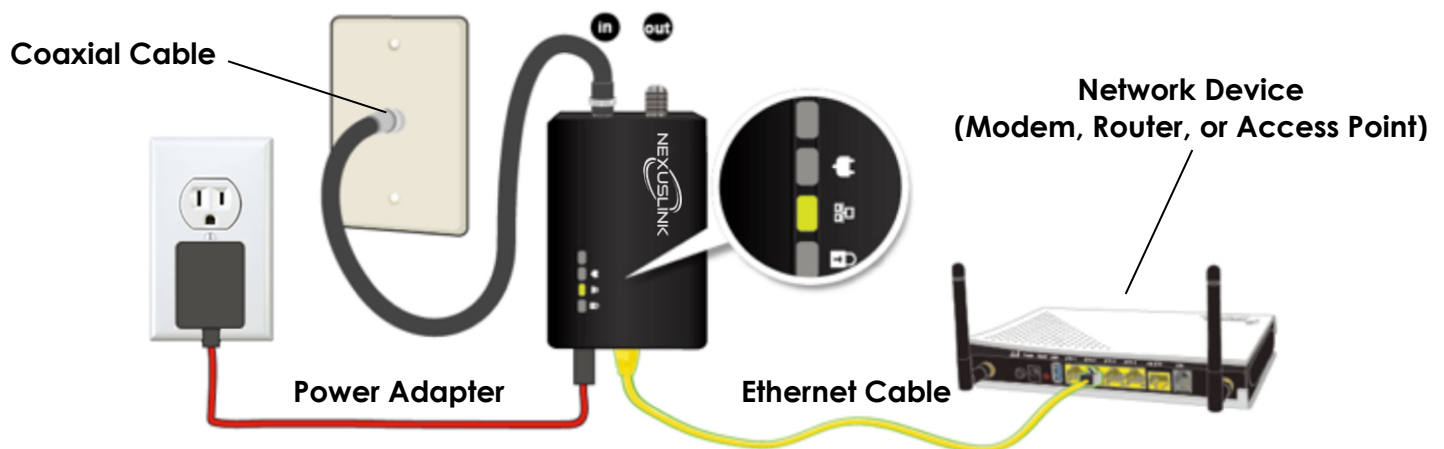
Initial Device Setup

NOTE: A minimum of two G.hn Coax Adapters are required to create a proper connection. Follow Steps 4-8 to add additional G.hn Adapters to your network.

1. Plug the power supply into the Coax Adapter into the power outlet nearest to the network device (Eg. Modem, Router, or Access Point).





2. Connect the coaxial cable to the "IN" of the Coax Adapter and to a cable wall outlet.
3. Ensure that your network device is powered on. Connect the Coax Adapter to the LAN port of the network device with an Ethernet cable. Wait for 10 seconds for the Coax Adapter's **Ethernet LED** to light up **GREEN** indicating a stable connection.

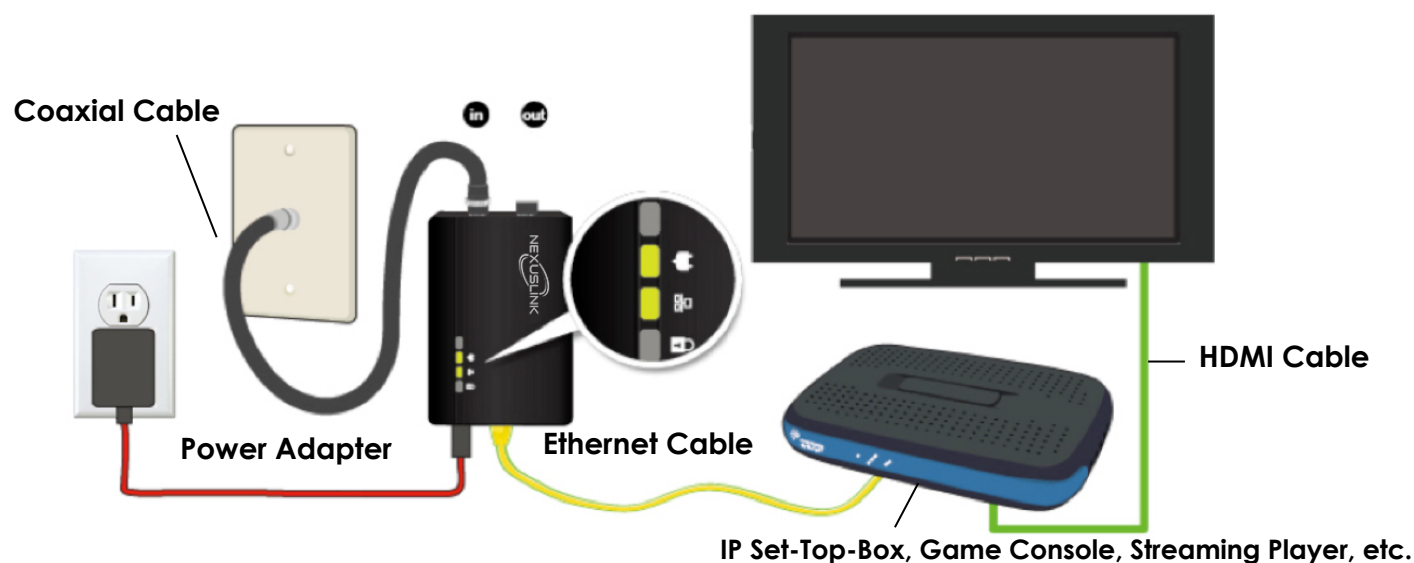


C





Device Connection

4. Plug the power supply into the **additional** Coax Adapter and into the power outlet nearest to the remotely located Internet-enabled device (Eg. TV, PC, STB, DVR, Etc.)
5. Connect the coaxial cable to the "IN" of the Coax Adapter and to a cable wall outlet.

6. Connect the Coax Adapter to the device with an Ethernet cable. The **Ethernet LED**  on the Coax Adapter should light up **GREEN**. The **Coverage LED**  on the Coax Adapter should now be **RED** or **GREEN** or **ORANGE**.



Note: The "OUT" port on the Coax Adapter is meant for traditional Cable TV services. We do not recommend using the Coax Adapter if you receive Cable TV/Internet services.

7. If the **Security LED**  is off, press the "**Config**" button on each of the two Coax Adapters for 3 seconds consecutively (until the **Security LED**  starts slow blinking – opening a configuration period of 120 seconds). Upon successful connection of the Adapters, the **Security LED**  will light up **GREEN** and the **Coverage LED**  will light up **RED** or **GREEN** or **ORANGE**.

8. If the connection process is not successful, please refer to the trouble shooting steps in section F.

Note: Pressing the Config button – located on the side of the device for more than 5 seconds resets the security settings (10 seconds or more performs a factory reset). If you accidentally reset the GCA-1200 unit, then return to step 7 to reconfigure it.

D Adding Additional Adapters/Devices



Follow steps 3-7 in Part B to add additional Adapters/devices to the Coax Network (up to 32 devices). For each additional adapter added, press the "**Config**" button on one of the Adapters in an already paired network, then on the new device, so they can pair and transmit data successfully.


E Congratulations! You Are Done!



Troubleshooting

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

COVERAGE LED  is OFF: Plug the problem GCA-1200 unit into a power socket next to the other GCA-1200 unit; both GCA-1200 having been connected by Ethernet cable to their respective devices e.g. PC, Router, Set Top Box....etc.). After 10 seconds (approx.), the **COVERAGE LED ** should light up **GREEN**. If not, first Factory reset both devices by pressing the Config button on each for more than 10 seconds. Then, go to part B and follow the installation steps.

ETHERNET LED is OFF: If the **ETHERNET LED ** fails to light up, check that the LAN port of the GCA-1200 unit 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.

ADDITIONAL HELP:



Visit the GCA-1200 Product Webpage for additional resources such as a User Manual, FAQs, and/or Videos.

Link: nexuslinkusa.com/product/gca-1200

Support:



Call: (855) 313-4433



Email: Support@NexusLinkUSA.com