NETGEAR®
Installation Guide

MCA1001 Coax-Ethernet Adapter

Follow these steps in the order shown to set up a pair of MCA1001 Coax-Ethernet Adapters in a network using a cable-modem Internet service. For instructions on setup in a network using a DSL modem, refer to the *User Manual* on the *Resource CD*.

Note: The MCA1001 Coax-Ethernet Adapter is *not* compatible for use with satellite television installations (for example, DIRECTV, DISH Network).

Estimated completion time: 25 minutes.

1. Connect the first MCA1001 Coax-Ethernet Adapter according to the sequence of steps below. (It is not necessary to disconnect the router from your cable modem. It is also not necessary to disconnect power from either the cable modem or router.)
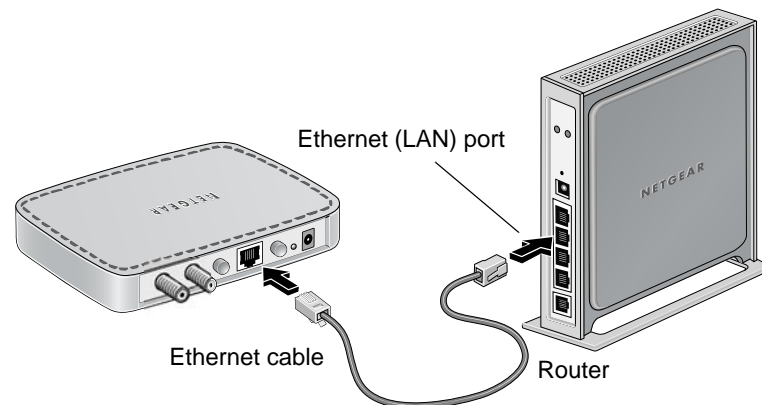
   While you complete step 1, Internet service will be temporarily disconnected from your network.

   When you have finished this step, your MoCA adapter should be connected as shown.
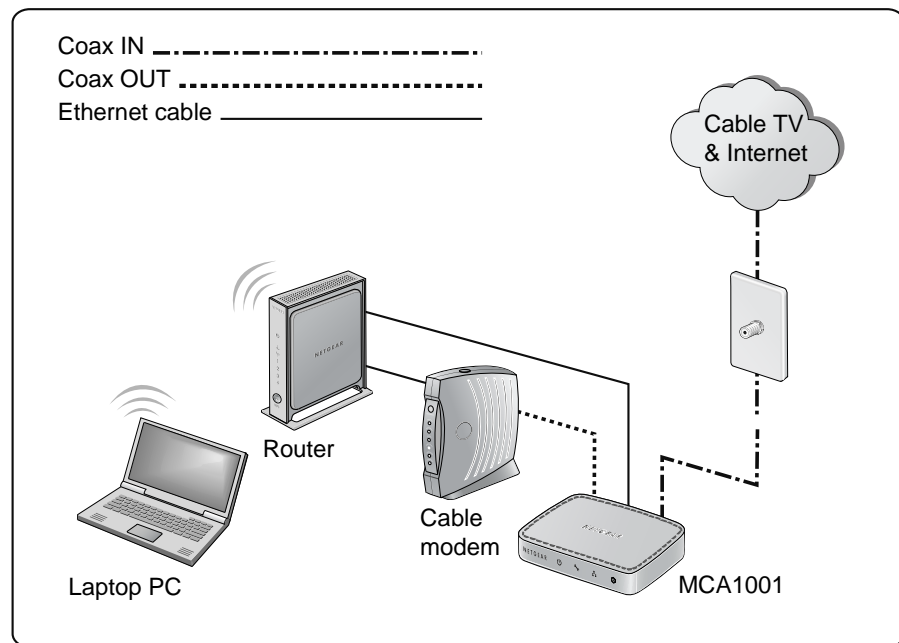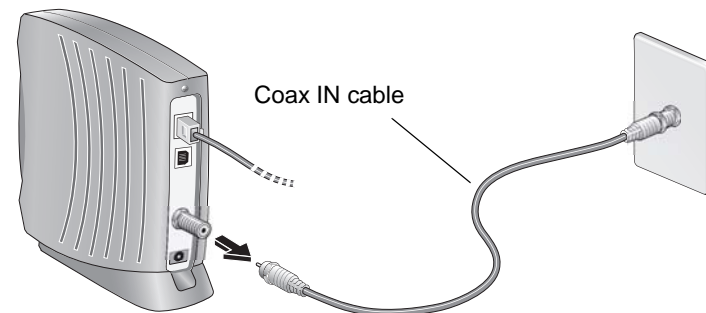

**Note:** Do not connect power to your MoCA adapter until step 1.e.

a. Connect the MoCA adapter to a LAN port on your router with the provided Ethernet cable.

b. Disconnect the coax IN cable from your cable modem (the coax IN cable runs between your cable wall outlet and your cable modem).
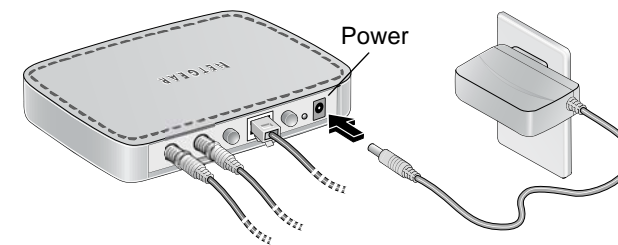

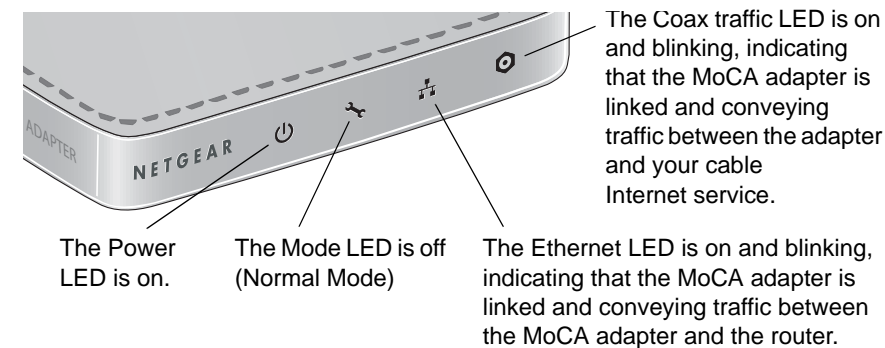c. Then, connect the coax IN cable to the Coax IN connection on the MoCA adapter (by hand, finger-tight).
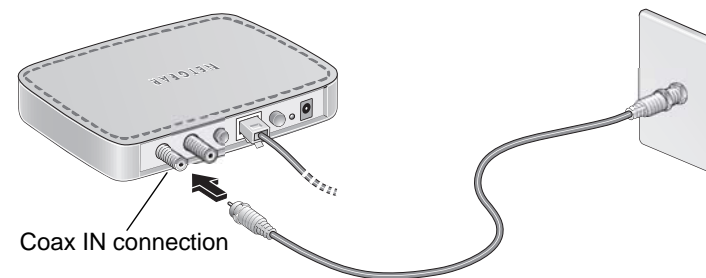
d. Connect the provided coax cable from the MoCA adapter's Coax OUT connection to the cable modem (by hand, finger-tight).
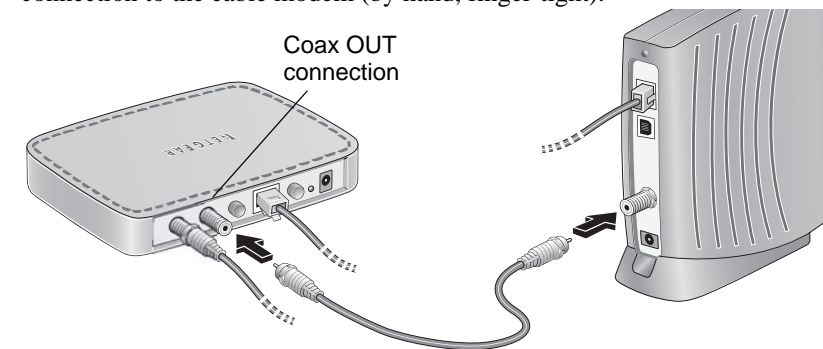
e. Connect the provided power adapter to the MoCA adapter and plug it into a wall power outlet.

f. Verify the following:

The Coax traffic LED is on and blinking, indicating that the MoCA adapter is linked and conveying traffic between the adapter and your cable Internet service.

The Power LED is on.

The Mode LED is off (Normal Mode)

The Ethernet LED is on and blinking, indicating that the MoCA adapter is linked and conveying traffic between the MoCA adapter and the router.

Notes: On the rear panel, the LED button should be set so the LEDs are activated. The Mode button should be set to Normal Mode (for information about Configuration Mode, see the *User Manual* on the *Resource CD*).

2. Connect the second MCA1001 Coax-Ethernet Adapter according to the sequence of steps below. You can attach a number of peripheral devices following these steps. For instructions on adding other devices, including a NETGEAR switch, refer to the *User Manual* on the *Resource CD*.

When you have finished this step, your MoCA adapter and peripheral devices should be connected as shown.

Coax IN
Coax OUT
Ethernet cable
HDMI cable

MCA1001

Set-top box

Gaming console

TV
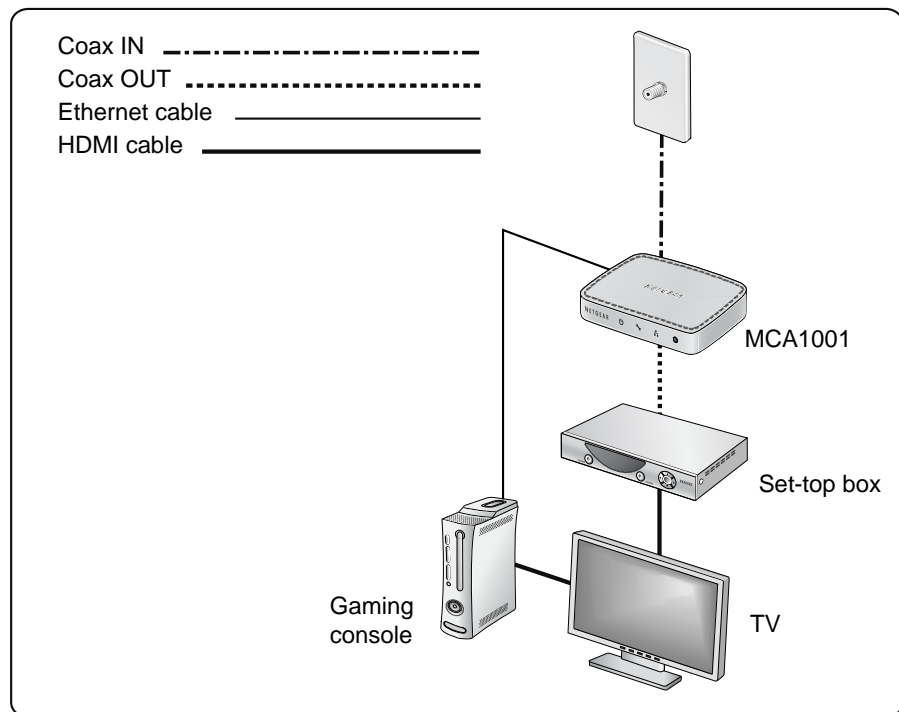
a. Connect an Ethernet cable from the LAN port on the MoCA adapter to a LAN port on your gaming console, similar to step 1.a. above.

b. Connect the Coax IN cable from the cable wall outlet to the Coax IN connection on the MoCA adapter, similar to step 1.c. above.

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c. Connect the provided coax cable from the MoCA adapter Coax OUT connection (by hand, finger-tight) to the Coax IN connection on the set-top box.

d. Connect your gaming console and set-top box to your TV, using an HDMI cable (or similar).

e. Connect power to the MoCA adapter and verify status of the LEDs, as in steps 1.e. and 1.f., above.

Troubleshooting Tips

Power LED is off.	• Make sure that power is supplied to the electrical outlet if it is controlled by a wall switch. • Make sure that the LEDs are activated (LED Off/On button in out position).
Coax traffic LED is off.	• Make sure that the LEDs are activated (LED Off/On button in out position). • Make sure that the Mode button is set to Normal (Mode LED is off, Mode button in out position) for all MoCA adapters on the network. When the Mode button is set to Configuration (Mode LED is solid, Mode button in), no traffic is being transmitted. • Make sure that all cables are connected (coax cables should be connected snugly, finger-tight) and that your coax connection is working. Loose coax connections can interfere with your cable service as well as the performance of the MoCA adapters. • If security was set, make sure you have set the same security on all MoCA adapters (see the *User Manual* on the *Resource CD*). • Try restarting each MoCA adapter by pressing its reset button (less than 10 seconds). • Try resetting each MoCA adapter to its factory default settings by pressing the reset button (longer than 10 seconds).
Interference is occurring for some TV channels	• Make sure that power is supplied to all MoCA adapters in your network. • Make sure that all cables are connected (coax cables should be connected snugly, finger-tight) and that your coax connection is working. • Configure the MoCA adapter to a different channel using the MCA1001 Configuration Utility (see the *User Manual* on the *Resource CD*).

Technical Support

Thank you for selecting NETGEAR products. After completing installation, register your product at *http://www.NETGEAR.com/register*.

Registration on the website or over the phone is required before you can use our telephone support service. The phone numbers for worldwide regional customer support centers are on the Warranty and Support Information card that came with your product.

Go to *http://www.NETGEAR.com/support* for product updates and Web support.