

# MoCA Network Adapter

Model # ECB6000

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# Getting Started

## Introduction

Congratulations on your purchase of a MoCA Network Adapter. The Adapter is a flexible solution for extending your home network. By leveraging the ubiquity of coaxial cabling within the modern home, the Adapter allows you to set up an Ethernet Internet port anywhere you've got a coaxial connection.

This user manual will take you through the procedures needed to connect the Adapter.



## **Package Contents**

- MoCA Network Adapter
- Coaxial cable
- Power adapter
- Quick Start Guide
- Wall-mount template

## **Requirements**

- Available coaxial port in installation areas
- Available electrical wall socket in installation areas

## **Features**

- Gigabit Ethernet port
- Power and Coax LEDs

# Connecting the Adapter

Connecting the MoCA Adapter is a relatively simple process that involves connecting the Adapter to your broadband modem/router via Ethernet, and then to the coaxial network. The Adapter takes the Internet signal from the coaxial network and extends your network. Additional Adapters can be installed throughout your home or office wherever you need Ethernet Internet access, and there is an available coaxial port.

## Connecting the First Adapter

The first MoCA Adapter must be connected to the broadband modem/router, and then to the coaxial network. This Adapter takes the Internet signal from the modem/router and delivers to the coaxial network.

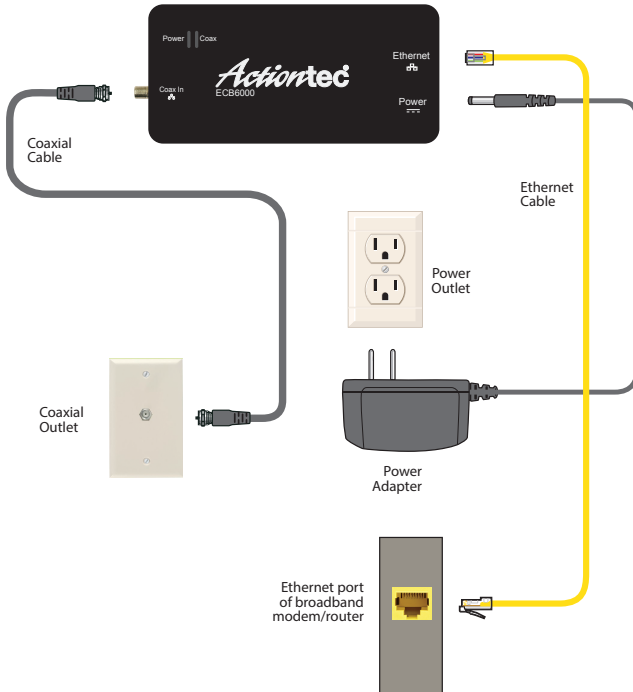
To connect the first Adapter:

1. Connect a coaxial cable into a coaxial wall port near the modem/router.
2. Connect the other end of the coaxial cable installed in step 1 to the *Coax In* port on the side of the Adapter.
3. Connect one end of an Ethernet cable into the Ethernet port of the modem/router.
4. Connect the other end of the Ethernet cable into the *Ethernet* port on the side of the Adapter.

## MoCA Network Adapter

5. Plug the provided power adapter into the *Power* port on the side of the Adapter.
6. Plug the other end of the power adapter (external, 5V DC, 2A, made by APD, model #WA-10P05FU) into an electrical outlet.

When complete, the setup should look similar to the figure below:



The Internet signal is now being delivered across the coaxial network.

## Connecting Additional Adapters

If necessary, additional Adapters can be placed in locations around the home/office that need an Ethernet Internet connection, but at present only have a coaxial port.

To connect additional Adapters:

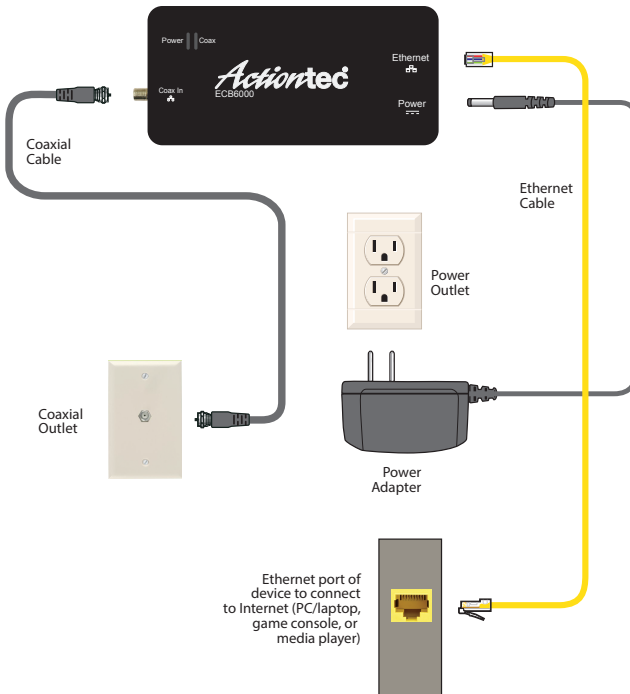
1. Connect a coaxial cable into a coaxial wall port near the modem/router.
2. Connect the other end of the coaxial cable installed in step 1 to the *Coax In* port on the side of the Adapter.
3. Connect one end of an Ethernet cable into the Ethernet port of the device to connect to the Internet.
4. Connect the other end of the Ethernet cable into the *Ethernet* port on the side of the Adapter.



## MoCA Network Adapter

5. Plug the provided power adapter into the *Power* port on the side of the Adapter.
6. Plug the other end of the power adapter (external, 5V DC, 2A, made by APD, model #WA-10P05FU) into an electrical outlet.

When complete, the setup should look similar to the figure below:



The device is now connected to the Internet via Ethernet.

# Specifications

## Model Number

ECB6000

## IP

LAN MoCA

LAN Ethernet Port 10/100/1000 (1)

## LAN Connections

LAN MoCA frequency: 1125 MHz - 1425 MHz (6 channel)

## LED Indicators

Power, Coax

## Power

External, 5V DC, 2A

Made by APD, model #WA-10P05FU

## Regulatory

FCC part 15, UL-60959-1

**Environmental**

**Operating temperature** - 0° C to 40° C (32°F to 104°F)

**Storage temperature** - 0°C to 70°C (32°F to 158°F)

**Operating humidity** - 10% to 85% non-condensing

**Storage humidity** - 5% to 90% non-condensing

**Note:** Specifications are subject to change without notice.

# Notices

## Warranty

This product has a one-year Limited Hardware Warranty and 90-day free software updates from date of purchase.

## Local Law

This Limited Warranty Statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.

To the extent that this Limited Warranty Statement is inconsistent with local law, this Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Warranty Statement may not apply to the customer.

Go to <http://www.actiontec.com/products/warranty.php> for more information.

## GPL Info

For GNU General Public License (GPL) related information, go to <http://opensource.actiontec.com>

## EU CE Declaration of Conformity

To obtain the complete Declaration of Conformity form in softcopy, go to the Actiontec Electronics Declarations of Conformity EU/EEA website at <http://international.actiontec.com/support/doc>

The symbol below is placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.



## Technical Support

Go to <http://international.actiontec.com/support> for product support, updates, and more information including:

- Firmware updates
- Troubleshooting
- Registration
- FAQs

## Technical Support Phone Number

United States: 1-888-436-0657