



Transform your existing electrical wiring into a high-speed network

Enable wired and Wi-Fi connectivity in hard-to-reach areas of your home

Plug and play installation for easy setup

## PowerLine AV 500 Wireless Extender Kit

### Product Highlights

Extend your Wired and Wireless Network Simultaneously

Plug and Play Installation

Compact Design

24/7 Basic Installation Support<sup>3</sup>

1-Year Limited Warranty<sup>4</sup>

### Extend Your Network

The PowerLine AV 500 Wireless Extender Kit instantly transforms your home's existing electrical wiring into a high-speed network. Expand both your wired and wireless network for increased home coverage. Easily add computers, entertainment systems and Wi-Fi devices to your network without turning your home into a wired mess.

### Eliminate Wi-Fi Dead Zones

With the PowerLine AV 500 Wireless Extender Kit, getting whole-home coverage is fast and easy. Simply connect the PowerLine adapter to your router's Ethernet port and plug it into a power outlet to turn every other outlet in your home into a possible network connection. Then plug the wireless extender into an outlet in a different part of your home to extend your Wi-Fi network to the hard-to-reach areas of your home like upstairs bedrooms, basements and outdoor patios.

### Package Contents

- PowerLine AV 500 Mini Adapter (DHP-308AV)
- PowerLine AV 500 Wireless N Mini Extender (DHP-W310AV)
- Two Ethernet Cables
- Wi-Fi Configuration Card
- Quick Install Guide

### Minimum Requirements

- 802.11n/g Wireless Clients
- 10/100 Ethernet device(s)
- Two Available Power Outlets

#### For Internet Access:

- Router
- Broadband Internet Connection

#### DHP-W310AV Configuration Requirements:

- Windows® 7<sup>6</sup>, Windows Vista® <sup>6</sup>, Windows® XP SP3<sup>6</sup>, or Mac OS® X (10.7 or higher)
- Internet Explorer 7, Google Chrome 8, Mozilla Firefox 4, or Apple Safari 4 or higher

#### Power Supply:

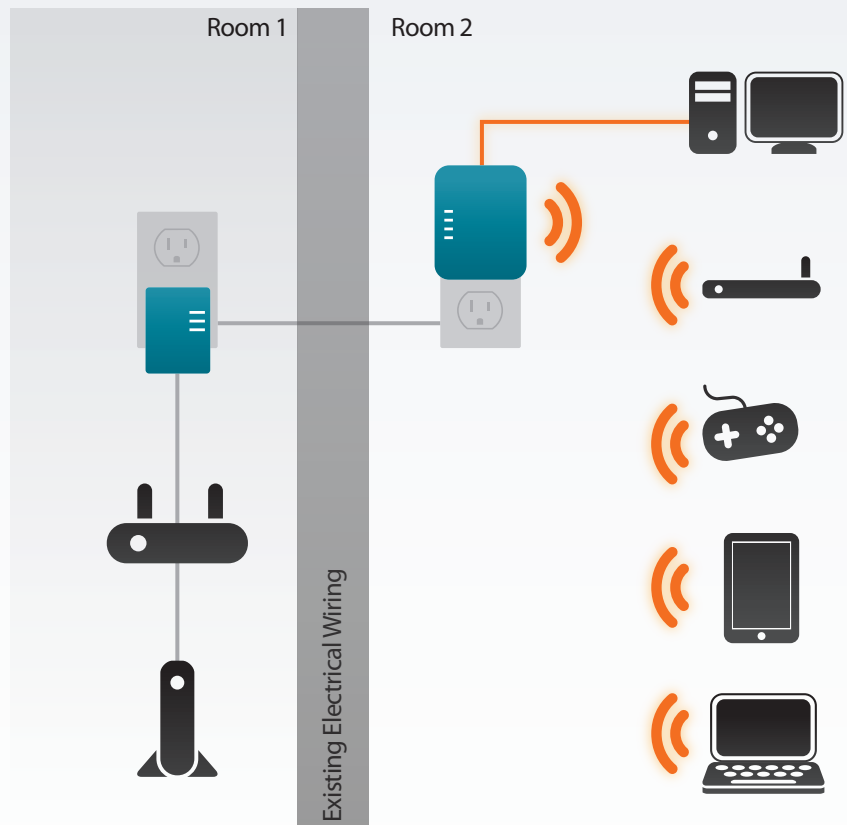
- 100-240VAC, 50/60Hz

### Scalable to Your Needs

If you're looking to connect more than just one wired device to your network, simply connect additional adapters. D-Link's various PowerLine adapters are interchangeable with one another, so even if you have older PowerLine models, compatibility won't be an issue.

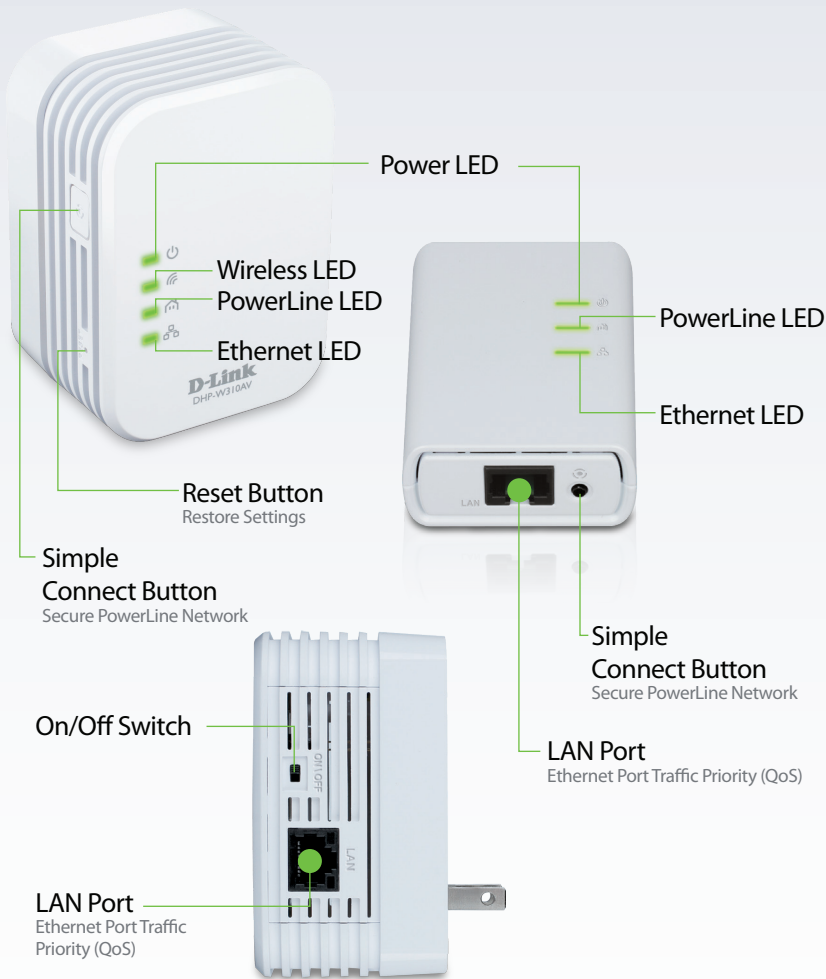
### Plug and Play Installation

Setting up your PowerLine adapters could not be any easier – just connect each adapter to your Ethernet-enabled devices, hit the easy connect button, and you're ready to go! It's that simple.



\* A minimum of two D-Link PowerLine AV Network Devices are required to create a network.

# DHP-W311AV PowerLine AV 500 Wireless Extender Kit



## Technical Specifications

### Standards

- IEEE 802.11n (WLAN)
- IEEE 802.3
- IEEE 802.3u
- HomePlug AV

### Ethernet Interface

- 10/100Mbps Fast Ethernet

### Maximum PHY Rate

- 200 Mbps<sup>1</sup>

### Security

- 128-bit AES Data encryption

### Input Power

- 100V ~ 240V, 50/60 Hz

### LEDs

- Power
- PowerLine
- Wireless
- LAN

### Power Saving

- Power saving mode supported

### Power Consumption

- 6.5W at Power On Mode
- <0.5W at Power Off Mode

### Operating Temperature

- 33° to 104°F (0° to 40°C)

### Operating Humidity

- 10% to 90% non-condensing

### EMC Certifications

- FCC
- CE

### Safety Certifications

- UL
- CE/LVD

### Other Certifications

- RoHS
- WEEE

### Dimensions

- 90 x 65 x 50mm

### Weight

- 174.5g

### Warranty

- 1-Year Limited Warranty<sup>4</sup>

<sup>1</sup> Maximum throughput based on theoretical transmission PHY rate. Actual data throughput will vary. Network conditions and environmental factors, including volume of traffic and network overhead, may lower actual data throughput rate. Interference from devices that emit electrical noise, such as vacuum cleaners and hair dryers, may adversely affect the performance of this product. This product may interfere with devices such as lighting systems that have a dimmer switch, shortwave radios, or other powerline devices that do not follow the HomePlug Powerline Alliance standard. <sup>2</sup> Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring conditions and configuration may affect the performance of this product. A minimum of two D-Link PowerLine AV Network Adapters are required to create a network. Connecting this product to a power strip with a surge protector may adversely affect the performance of this product. For best results, plug adapter directly into a power outlet. <sup>3</sup> 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase. <sup>4</sup> 1-Year Limited Warranty available only in the USA and Canada. <sup>5</sup> Latest Software and Documentation available at <http://support.dlink.com>. <sup>6</sup> Computer must adhere to Microsoft's recommended System Requirements.

## For more information

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