D-Link®

POWER LINE AV 500

Ideal for HD video streaming, large file transfers, and multiplayer gaming[1]

Turn a power outlet in your home into a potential Internet connection[2]

Plug and play installation for easy setup

PowerLine AV500 Network Kit

Product Highlights

Transform your existing electrical network into a high-speed network

Plug and Play Installation

24/7 Basic Installation Support[3]

1-Year Limited Warranty[4]

Extend Your Network

The D-Link PowerLine AV500 Network Kit (DHP-309AV) delivers fast wired connectivity to the hard-to-reach areas of your home – perfect for everyday web activities like multimedia streaming, web surfing and video chatting. Rather than using long and unsightly cables to get your devices online, the DHP-309AV instantly transforms your home's existing electrical circuit into a stable wired network, making it quick and easy to connect computers, printers, and other Ethernet-enabled devices. The DHP-309AV is the ideal solution for getting connected in spaces like offices, bedrooms and other areas of your home that are remotely located from your router.

Plug and Play Installation

Setting up your PowerLine adapters could not be any easier – simply connect one adapter to your router and the other to your device of interest, hit the simple connect button on each adapter, and you're good to go!

DHP-309AV

Package Contents

- 2 PowerLine AV500 Network Adapters (DHP-308AV)
- 2 Ethernet Cables

Minimum System Requirements

For Internet Access:

- Cable or DSL Modem
- Router
- Subscription with an Internet Service Provider (ISP)

Power Supply:

- 100-240VAC, 50/60Hz

For Network:
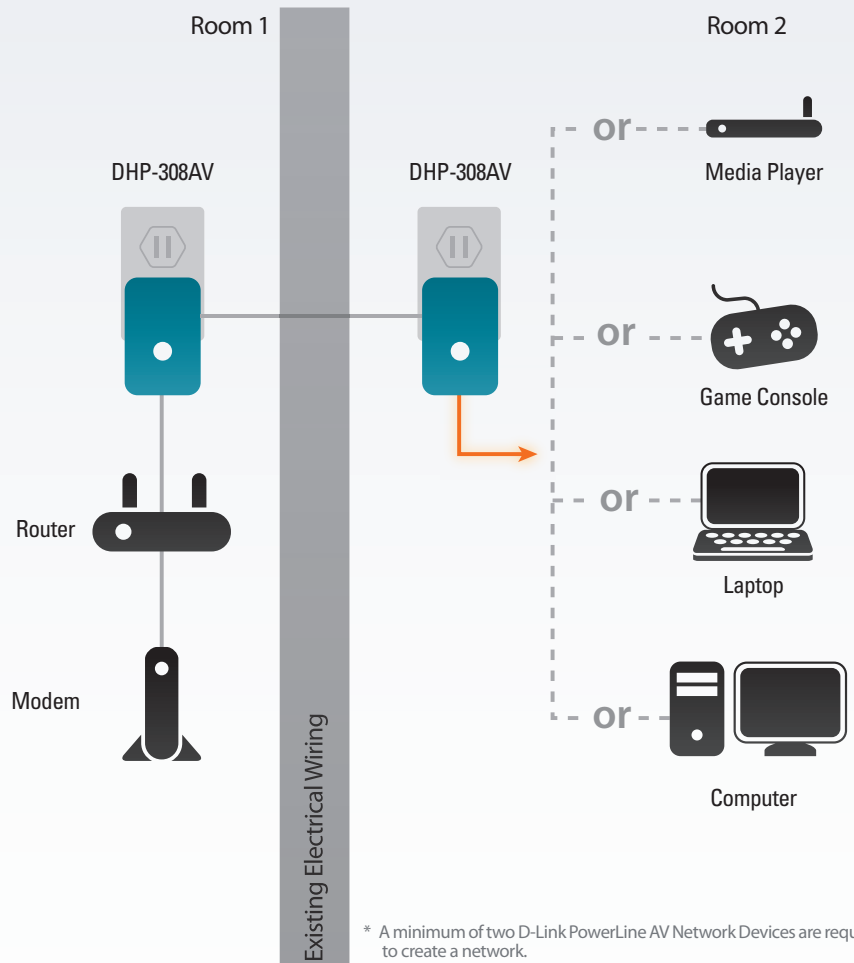
- 2 or more PowerLine AV Devices

Features

- Create a PowerLine Network right out of the box
- Uses your home's existing electrical wiring by plugging into existing power outlets[2]
- Compact elegant design
- Power Saving Mode
- Push and Secure encryption button
- Supports 128-bit AES encryption for network security
- Plug & Play Installation
- 24/7 Basic Installation Support[3]
- 1-Year Limited Warranty[4]

For optimal wireless or PowerLine performance use with D-Link PowerLine Products:

- PowerLine AV 200 Mini Adapter Starter Kit (DHP-209AV)
- PowerLine AV500 Network Kit (DHP-309AV)
- PowerLine AV 500 Wireless N Extender (DHP-W310AV)
- PowerLine AV 500 Wireless Extender Kit (DHP-W311AV)
- PowerLine AV2 600 Gigabit Starter Kit (DHP-601AV)

Scalable to your Needs

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

Room 1   Room 2

DHP-308AV   DHP-308AV

Media Player

Game Console

Laptop

Computer

Router

Modem

Existing Electrical Wiring

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

The PowerLine AV500 Advantage
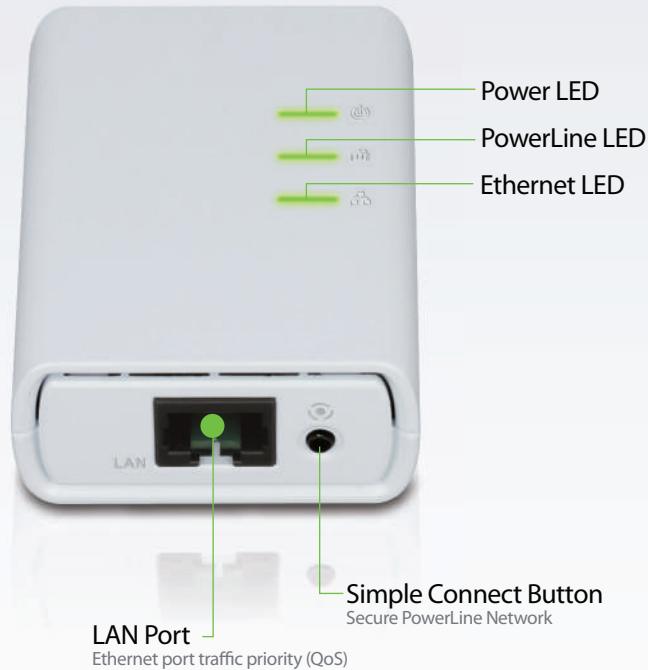
Speed Comparison

Up to 35%
Faster[1]

Coverage Comparison

Up to 20%
Farther[1]

- Standard PowerLine 200Mbps adapters
- PowerLine AV 500 Adapters

Power LED

PowerLine LED

Ethernet LED

LAN

Simple Connect Button
Secure PowerLine Network

LAN Port
Ethernet port traffic priority (QoS)

Technical Specifications

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 1901
- HomePlug AV

Ethernet Interface
- 10/100

Maximum PHY Rate
- 200 Mbps[1]

Security
- 128-bit AES Data encryption

Input Power
- 100V ~ 240V, 50/60 Hz

LEDs
- Power
- PowerLine
- Ethernet

Power Consumption
- < 5W

Operating Temperature
- 33º to 104ºF (0º to 40ºC)

Operating Humidity
- 10% to 90% non-condensing

EMC Certifications
- FCC
- CE

Safety Certifications
- UL
- CE LVD

Dimensions
- 2.7" x 2" x 1.0"
  (70 x 52 x 26 mm)

Weight
- 0.23lbs (104g)

Warranty
- 1-Year Limited Warranty[4]

[1] 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. [2] 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. [3] 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase. [4] 1-Year Limited Warranty available only in the USA and Canada. [5] Latest Software and Documentation available at http://support.dlink.com. [6] Computer must adhere to Microsoft's recommended System Requirements.

For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com   **Canada** | 2525 Meadowvale Blvd | Mississauga, ON L5N 5S2 | 800.361.5265 | dlink.ca

D-Link®
Building Networks for People