D-Link®

POWERLINE › Connect using your home's electrical wiring

PowerLine AV Network Adapter

Ready to use - simply plug into existing outlets[2]

Easily connect and secure your network with push button security

Up to 200Mbps[1] - stream HD video and enjoy lag-free gaming

E N H A N C E D

Instant Home Networking

The D-Link® PowerLine AV Network Adapter instantly transforms your home's existing electrical wiring into a high-speed network[2]. Simply connect one DHP-306AV network adapter to your router and plug it into a power outlet to turn every other power outlet in your home into a possible network connection. Just plug another adapter into an outlet in a different room to get a network connection. The DHP-306AV features a security push button that enables secure transmission between devices.

Faster Speeds

With speeds up to 200Mbps[1], the DHP-306AV enables streaming of high definition video, lag-free gaming and faster access to large files within your network. The DHP-306AV includes an energy saving feature that disables the PowerLine connection when there is no network activity, helping you save money as well as the environment.

Audio/Video Streaming

Ideal when streaming and recording media, the DHP-306AV can connect Ethernet-enabled digital media devices such as the Boxee Box by D-Link, Tivo® or Slingbox® to your network and the Internet. The built-in QoS feature enables smooth video streaming.

Online Gaming

The D-Link DHP-306AV enables you to connect gaming consoles like the Xbox 360®, Playstation® 3, or Nintendo Wii® to the Internet. The built-in Quality of Service (QoS) feature enables lag-free gaming.

Extend Your Network

Connect the DHP-306AV to an access point to extend your wireless network to the farthest corners of your home[2]. With four ports, you can connect multiple devices in a single room, easily expanding your network. No drilling and extra wiring required.

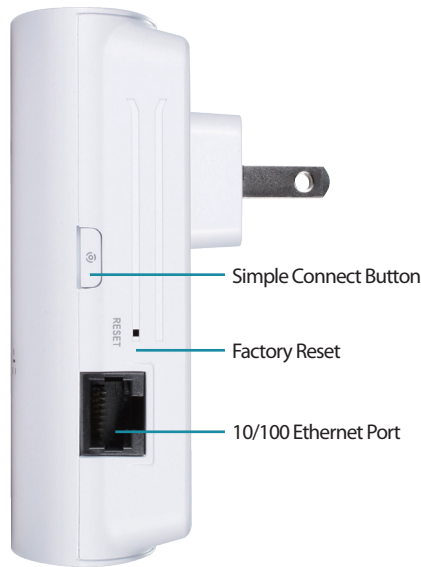## Fast Transmission Using Your Home's Existing Wiring

The PowerLine AV Network Adapter incorporates the latest technology to deliver up to 200 Mbps[1] over a home's existing electrical wiring. This fast transmission speed provides ample bandwidth suitable for streaming high-quality video HDTV signals while simultaneously providing highspeed Internet access throughout the home. With Quality of Service (QoS) support, the performance of applications which require real-time communication, such as VoIP phone calls and multiplayer online games, will not be compromised even while downloading Internet TV and music.
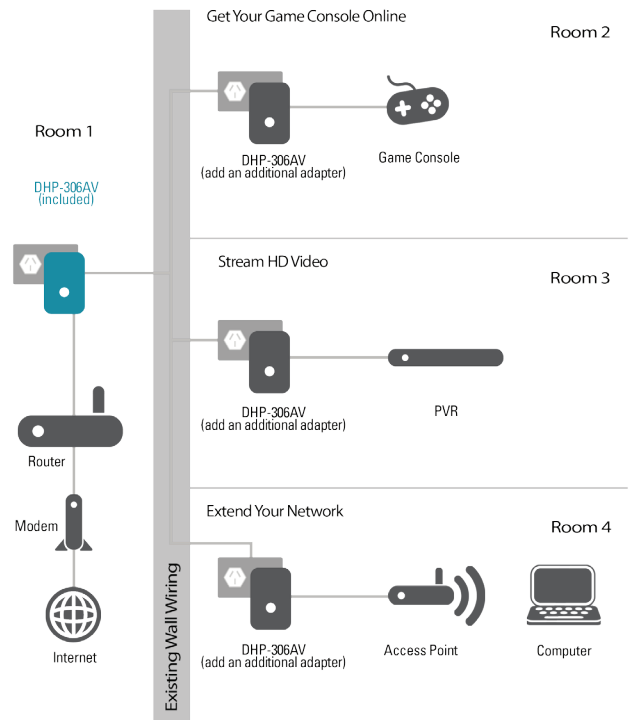
ENHANCED

What This Product Does

With network data transfer rates of up to 200 Mbps[1], the DHP-306AV allows you to connect computers, High-Definition TVs, networking devices, and gaming consoles using the most pervasive medium in your house - the electrical wiring. Share Internet connections and experience smooth file transfers, streaming multimedia, online gaming and more. The PowerLine AV Network Adapter features easy plug-and-play installation and can be connected to any Ethernet-enabled device.

Rear Product Features & Connection Diagram

Simple Connect Button

Factory Reset

10/100 Ethernet Port

Power Prongs will differ from image shown above

Get Your Game Console Online

Room 1
DHP-306AV (included)

Room 2
DHP-306AV (add an additional adapter) — Game Console

Stream HD Video

Room 3
DHP-306AV (add an additional adapter) — PVR

Router

Modem

Extend Your Network

Room 4
DHP-306AV (add an additional adapter) — Access Point — Computer

Internet

Existing Wall Wiring

Technical Specifications

Standards
• IEEE 802.3
• IEEE 802.3u
• HomePlug AV

PowerLine Interface
• Australian power plug

Ethernet Interface
• 10/100BASE-TX Ethernet Port with auto MDI/ MDIX
• RJ-45 Connector

PowerLine Modulation Scheme
• OFDM Symbol Modulation

PowerLine Frequency Band
• 2MHz to 30MHz

Data Rate
• PowerLine: 200Mbps (PHY rate)
• Ethernet: 10/100Mbps (auto-negotiation)

QoS
• Integrated QoS prioritizes media and data

Security
• 128-bit AES Data Encryption

Minimum System Requirements
(For PC Utility Software)
• PC with 200 MHz processor
• 64MB memory
• Windows 7, Vista, XP SP2 or 2000 SP4
• Ethernet interface (100Mbps)

LEDs
• Power
• PowerLine
• Ethernet

Power Input
• 100 to 240 VAC, 50/60Hz

Power Saving
• Power saving mode supported
• Compliant with European Energy Using Product Directive

Dimensions
• 100 x 70 x 34 mm

Weight
• 126 g

Operating Temperature
• 0º to 40º C

Operating Humidity
• 10% to 95% non-condensing

EMC Certification
• FCC Part 15 Class B
• CE EMC Class B

Safety Certification
• UL
• CE LVD

Additional PowerLine AV Products:

DHP-307AV   Network Starter Kit
DHP-346AV   4-Port 10/100 Switch
DHP-W306AV   Wireless N Extender
DHP-1320   Wireless N Router
DHP-1321   Wireless N Router Starter Kit

http://powerline.dlink.com.au

Contact Us

24/7 SUPPORT [3]

[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, short wave 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 effect 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 Technical Support available only in Australia and New Zealand. [4]1-Year Limited Warranty available only in Australia and New Zealand.

All references to speed are for comparison purposes only. Product specification, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details. D-Link PowerLine AV Network Adapters (DHP-306AV, DHP-307AV) may coexist within but are not compatible or interoperable with D-Link PowerLine HD Ethernet Adapters (DHP-302, DHP-303). This product is designed for use in Australia and New Zealand. Use of this product in other countries might violate local laws. Latest documentation is available at http://support.dlink.com.au.

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