



## POWERLINE AV 4-PORT SWITCH AND STARTER KIT

Ready to use – simply plug into existing power outlets<sup>2</sup>

Super fast speeds – up to 200Mbps<sup>1</sup> over your existing electrical wiring

Connect more devices to your network from any room in the house



### **NO INSTALLATION NEEDED, JUST PLUG IN AND YOU'RE CONNECTED**

Turn any electrical outlet into a home network connection. The PowerLine AV 4-Port Switch Starter Kit includes 1 PowerLine AV 4-Port Switch (DHP-346AV) and one PowerLine AV Adapter (DHP-306AV). It uses electrical wiring that's already in your house to provide fast, reliable speed of up to 200Mbps<sup>1</sup> to any room in the house. Simply connect one adapter into an existing outlet, connect it to your home network router, and plug the other adapter into any other room in your house to get instant shared network connections. With 4 Ports, you can connect more devices per room and get blazing speeds without tripping over tangled, messy wires. It's cable management at its best.

### **HD MOVIES AND MORE STREAMED THROUGHOUT YOUR HOUSE**

Blazing speeds and connectivity from any room in the house, makes this PowerLine AV 4-Port Switch Starter Kit ideal for high-bandwidth network-ready devices such as the Boxee Box by D-Link, Blu-Ray players, Media Players, or Playstation<sup>®</sup> 3 or Xbox 360<sup>®</sup>. By using the port-based Quality-of-Service (QoS) you can ensure your gaming or HD movies are always top priority by organizing your traffic flow using the color-coded ports.

### **SECURITY AT THE TOUCH OF A BUTTON**

The PowerLine AV 500 Adapter plugs directly into a power outlet<sup>2</sup>, and does not require any additional cables. Extend your home network by connecting multiple devices in the farthest corners of your home via Ethernet cable. Setting up a secure connection is quick and easy. Once the adapters are plugged in, press the button on each device to sync up with the other to establish a safe, secure network connection. The adapter uses 128-bit AES data encryption to protect the network from unauthorized wire tapping. With hassle-free plug and play installation, the DHP-346AV/DHP-347AV is an ideal solution to create a wall-to-wall home network.



#### FEATURES

- + Ready to use right out of the box
- + Up to 200Mbps<sup>1</sup> Throughput
- + Connect up to 4 Ethernet-enabled devices per Switch
- + Uses Your Home's Existing Electrical Wiring<sup>2</sup> by Plugging into Existing Power Outlets<sup>2</sup>
- + Power Saving Mode
- + Backward Compatible with HomePlug AV devices
- + Simple Connect - Push and Secure Encryption Button
- + Supports 128-bit AES Encryption For Network Security
- + Plug & Play Installation
- + Port-Based QoS Support Helps Prioritize Internet Traffic
- + 24/7 Basic Installation Support<sup>3</sup>
- + 1-Year Limited Warranty<sup>4</sup>

#### THINK GREEN

D-Link Green™ devices are about providing eco-friendly alternatives without compromising performance. They are designed to help conserve energy, protect our environment from harmful substances, and reduce waste by using recyclable packaging. To learn more, visit [www.dlinkgreen.com](http://www.dlinkgreen.com).

#### D-LINK GREEN™ TECHNOLOGY

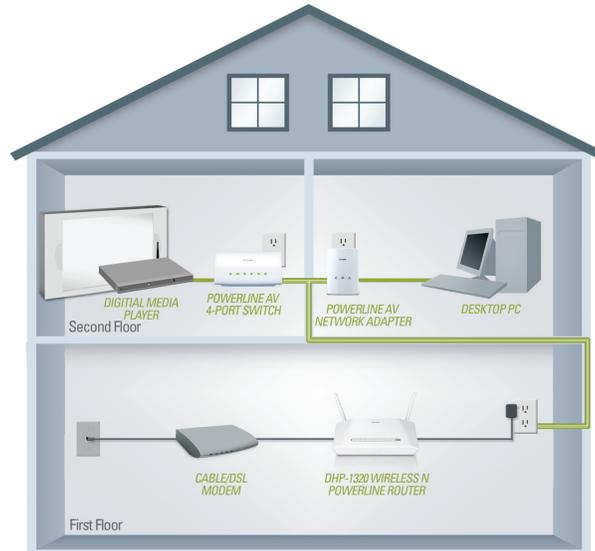
- + Goes into power saving mode when no data link is detected after 5 minutes

#### PROTECTING THE ENVIRONMENT

- + Complies with the European Union's RoHS directive that restricts the use of certain hazardous materials
- + Uses soy ink and recyclable packaging to help reduce waste that goes into the environment



#### YOUR NETWORK SETUP



A MINIMUM OF TWO D-LINK POWERLINE AV ETHERNET ADAPTERS ARE REQUIRED TO CREATE A NETWORK. D-LINK POWERLINE AV ETHERNET ADAPTERS (DHP-W306AV, DHP-306AV, DHP-307AV) MAY COEXIST, BUT ARE NOT COMPATIBLE OR INTEROPERABLE, WITH D-LINK POWERLINE HD ETHERNET ADAPTERS (DHP-302, DHP-303)

#### TECHNICAL SPECIFICATIONS

##### STANDARDS

- + IEEE 802.3
- + IEEE 802.3u
- + HomePlug AV

##### ETHERNET INTERFACE

- + 10/100Base-TX Ethernet Port with Auto MDI/MDIX
- + RJ-45 Connector

##### MAXIMUM PHY RATE

- + 200 Mbps

##### SECURITY

- + 128-bit AES Data encryption

##### LEDS

- + Power
- + Powerline
- + Ethernet

##### POWER SAVING

- Power saving mode supported

##### EMC CERTIFICATION

- + FCC Class B
- + CE EMC Class B
- + C-Tick

##### SAFETY CERTIFICATION

- + UL
- + CE LVD
- + Wi-Fi

##### OPERATING TEMPERATURE

- + 30° to 104°F (0° to 40°C)

##### OPERATING HUMIDITY

- + 10% to 90% non-condensing

##### DIMENSIONS

- + 4.1" x 2.8" x 2.0" (105 x 70 x 52 mm)

##### WEIGHT

- For DHP-346AV:  
+ 0.3lbs (136 grams)

##### WARRANTY

- + 1-Year Warranty

<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, short wave 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.

Product specifications, 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 500 Adapters (DHP-500AV) may coexist with but are not compatible or interoperable with D-Link PowerLine HD Ethernet Kit (DHP-301) or D-Link PowerLine HD Network Starter Kit (DHP-303). This product is designed for use in the USA and Canada. Use of this product in other countries might violate local laws.

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#### MINIMUM REQUIREMENTS

- + For Configuration Utility, Computer with:
  - 233MHz Processor
  - 10MB Disk Space
  - 64MB RAM
  - CD-ROM Drive
  - Network Interface Card
  - Windows® 7, Windows Vista®, Windows® XP SP2, or Mac OS® (v10.4)
  - Internet Explorer® v6 or Mozilla® Firefox® v3.0
- + Power Range:
  - 110-240VAC, 50/60Hz

#### For Internet Access:

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

#### For Network:

- Two or more PowerLine AV Adapters
- + For optimal wireless or PowerLine performance:
  - Use with D-Link Wireless N PowerLine Router (DHP-1320) and D-Link PowerLine AV Network Adapter
  - (DHP-306AV), D-Link PowerLine AV Wireless N Extender (DHP-W306AV), or D-Link PowerLine AV 500 Adapter (DHP-500AV)

#### PACKAGE CONTENTS

- + For PowerLine AV 4-Port Starter Kit (DHP-347):
  - 1 PowerLine AV 4-Port Switch (DHP-346AV) and 1 PowerLine AV Adapter (DHP-306AV)
  - 2 Ethernet Cables
  - Power Cord
- + CD-ROM with:
  - PowerLine Utility and Product Documentation