POWERLINE AV 4-PORT SWITCH MINI KIT

Create a PowerLine network to power an entertainment system	Super fast speeds – up to 200Mbps[1] for streaming HD video and lag-free gaming	Easily connect and secure your network with push button security

NO CONFIGURATION NEEDED, JUST PLUG IN AND YOU'RE CONNECTED

Turn any electrical outlet into a home network connection. The PowerLine AV 4-Port Switch Mini Kit includes one PowerLine AV 4-Port Switch (DHP-346AV) and one PowerLine AV Mini Adapter (DHP-310AV). This powerful combination uses the electrical wiring that's already in your house to provide fast, reliable speed of up to 200Mbps[1] to any room in the house.

Simply connect the PowerLine AV Mini Adapter into an existing electrical outlet, connect it to your existing home network router, and plug the PowerLine AV 4-Port Switch into any other outlet in your house to get instant shared network connections. With 4 ports, you can connect an entire entertainment center or home office and get blazing speeds without tripping over tangled, messy wires. It's so convenient.

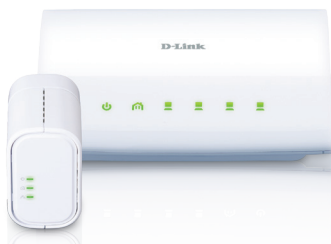### HD MOVIES AND MORE STREAMED THROUGHOUT YOUR HOUSE

The PowerLine AV 4-Port Switch Mini Kit is ideal for high-bandwidth network-ready devices such as the Boxee Box by D-Link, Blu-Ray players, or gaming consoles such as the Playstation 3®. 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.

COMPACT DESIGN

With the PowerLine AV Mini Adapter's compact size, you can plug it into any electrical outlet with an existing PowerLine network to get a connection anywhere in your home[2]. The compact size only takes up one plug in an outlet, enabling you to plug in more devices.

SECURITY AT THE TOUCH OF A BUTTON

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 PowerLine AV 4-Port Switch Mini Kit is an ideal solution to create a wall-to-wall home network.

DHP-348AV

NETWORK DIAGRAM

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

Speeds up to 200Mbps[1]

Power Saving Mode

Push and Secure encryption button

Supports 128-bit AES encryption for network security

Port-based QoS support helps prioritize internet traffic (DHP-346AV)

Plug & Play Installation

24/7 Basic Installation Support[3]

1-Year Limited Warranty[4]

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.
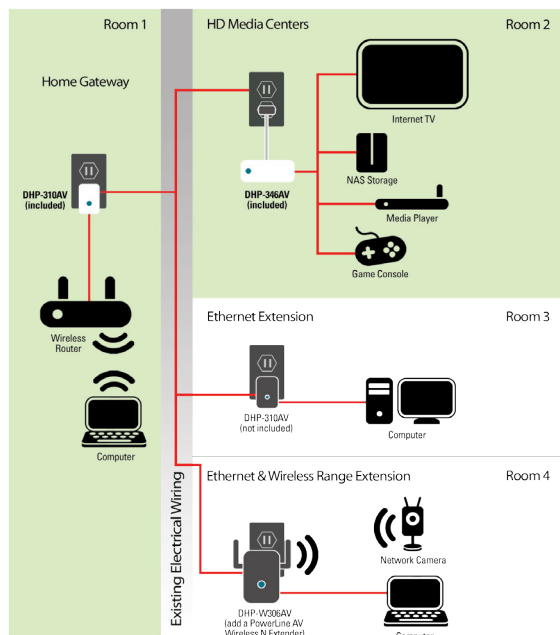
D-LINK GREEN™ TECHNOLOGY

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

PROTECTING THE ENVIRONMENT

+ Complies with the European Union's RoH directive that restricts the use of certain hazardous materials

+ Uses soy ink and recyclable packaging to help reduce waste that goes into the environment

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 DATA RATE
+ 200Mbps

POWERLINE FREQUENCY BAND
+ 2Mhz to 30Mhz

POWERLINE MODULATION SCHEME
+ OFDM Symbol Modulation

SECURITY
+ 128-bit AES Data encryption

LEDS
+ Power
+ Powerline
+ Ethernet

POWER SAVING
+ Power saving mode supported

OPERATING TEMPERATURE
+ 30º to 104º F (0º to 40º C)

OPERATING HUMIDITY
+ 10% to 95% non-condensing

POWER SUPPLY
+ 110~240VAC, 50/60Hz

EMC CERTIFICATION
+ CE EMC Class B
+ FCC Part 15 Class B

SAFETY CERTIFICATION
+ UL
+ CE LVD

DIMENSIONS (L x W x H)
+ DHP-346AV: 4" x 5.75" x 1.25"
+ DHP-310AV: 2.68" x 2.43" x 1.64"

WEIGHT
+ DHP-346AV: 0.5lbs
+ DHP-310AV: 0.28lbs

WARRANTY
+ 1-Year 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, 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 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.

HOMEPLUG AV

PACKAGE CONTENTS

+ 1 PowerLine AV 4-Port Switch (DHP-346AV)

+ 1 PowerLine AV Mini Adapter (DHP-310AV)

+ 2 Ethernet Cable

+ CD-ROM[6] with:

  - PowerLine AV Utility

  - Product Documentation

MINIMUM REQUIREMENTS

+ Windows® 7[5], Windows Vista®[6] or Windows® XP SP3[6]

For Configuration Utility, Computer with:

+ 233MHz Processor

+ 10MB Disk Space

+ 64MB RAM

+ CD-ROM Drive

+ Network Interface Card

Power Supply:

+ 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 Devices