



## POWERLINE HOMEPLUG AV PASSTHROUGH STARTER KIT

### **SIMPLE SETUP**

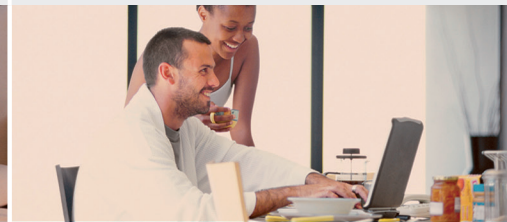
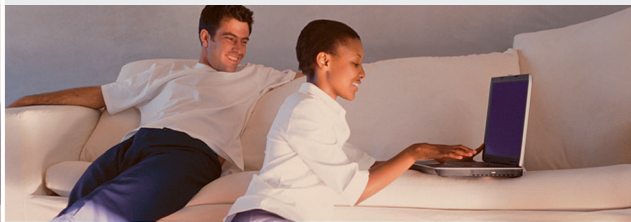
Simply plug directly into a free power outlet; no extra cables are needed

### **RAPID SPEEDS OVER ELECTRICAL WIRING**

Speeds of up to 200 Mbps over home electrical wiring, suitable for high-bandwidth Internet applications

### **SECURITY MADE EASY**

Data encryption can be configured with the push of a button to keep intruders out



### **DATA TRANSMISSION OVER ELECTRICAL WIRING**

The D-Link DHP-P307AV Powerline HomePlug AV Passthrough Starter Kit is compliant with the HomePlug AV standard and includes everything you need to create a network or extend an existing network through your home's electrical wiring.<sup>1</sup> It turns every power outlet into a potential network connection for accessing digital media devices, game consoles, print servers, computers, and network storage devices throughout your home. Additionally, each of the two units in the Powerline HomePlug AV Passthrough Starter Kit provides an extra passthrough power socket to ensure that your electrical outlet remains available.

### **IDEAL FOR BANDWIDTH-INTENSIVE APPLICATIONS**

The Powerline HomePlug AV Passthrough Starter Kit is capable of delivering data transfer rates of up to 200 Mbps.<sup>2</sup> This rapid transmission speed makes it ideal for bandwidth-intensive applications, guaranteeing smooth HD video streaming, VoIP calls, and a lag-free online gaming experience.

### **CONVENIENT SETUP AND SECURE OPERATION**

Just plug the two units of the Powerline HomePlug AV Passthrough Starter Kit into power outlets; no additional cables are required. Extend your home network by connecting multiple devices in the farthest corners of your home, or attach a switch or wireless access point to the adapter for additional connectivity. Setting up a secure connection is easy, and can be quickly configured with the push of a button, using 128-bit AES data encryption to protect the network from unauthorized wire tapping. With hassle-free plug-and-play installation, the DHP-P307AV is an ideal solution for creating a wall-to-wall home network.

### **AUTOMATIC SLEEP MODE SAVES POWER**

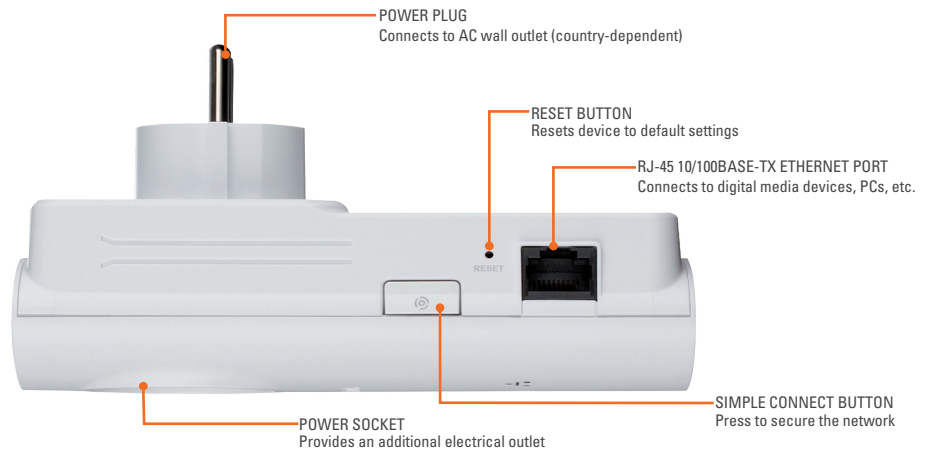
The Powerline HomePlug AV Passthrough Starter Kit incorporates a power-saving mode that automatically places both adapters in sleep mode if no data transmission or reception occurs over a certain period of time, reducing power usage by more than 70%.

### WHAT THIS PRODUCT DOES

The Powerline HomePlug AV Passthrough Starter Kit includes two Powerline HomePlug AV Passthrough Network Adapters, giving you everything you need to connect computers, high-definition TVs, networking devices, and gaming consoles using cables you already have connected - your home's electrical wiring. Share Internet connections and experience smooth file transfers, streaming multimedia, online gaming, and more. This starter kit features easy plug-and-play installation and can be connected to any Ethernet-enabled device.

### FAST TRANSMISSION USING YOUR HOME'S EXISTING WIRING

The Powerline HomePlug AV Passthrough Starter Kit incorporates the latest technology to deliver up to 200 Mbps over a home's existing electrical wiring. This fast transmission speed provides ample bandwidth for streaming high-quality HD video signals while simultaneously providing high-speed Internet access throughout the home.



## TECHNICAL SPECIFICATIONS

#### STANDARDS

- IEEE 802.3
- IEEE 802.3u
- HomePlug AV

#### POWERLINE INTERFACE

- Power plug (country-dependent)

#### ETHERNET INTERFACE

- 10/100BASE-TX Ethernet port with Auto MDI/MDIX
- RJ-45 connector

#### POWER SOCKET INTERFACE

- Type G electrical outlet, 250 V/13 A maximum

#### POWERLINE MODULATION SCHEME

- OFDM symbol modulation

#### POWERLINE FREQUENCY BAND

- 2 to 30 MHz

#### DATA RATE

- Powerline: 200 Mbps (PHY rate)
- Ethernet: 10/100 Mbps (auto-negotiation)

#### SECURITY

- 128-bit AES data encryption

#### MINIMUM SYSTEM REQUIREMENTS (FOR PC UTILITY SOFTWARE)

- Windows 7/Vista/XP SP3
- Ethernet interface (100 Mbps)

#### LEDS

- Power
- Powerline
- Ethernet

#### POWER INPUT

- 100 to 240 V AC, 50/60 Hz

#### DIMENSIONS (L x W x H)

- 142 x 69 x 42 mm (5.6 x 2.7 x 1.65 inches)

#### WEIGHT

- 206.4 g (0.46 lb)

#### OPERATING TEMPERATURE

- 0 to 40 °C (30 to 104 °F)

#### OPERATING HUMIDITY

- 10% to 95% non-condensing

#### CERTIFICATIONS

- CE EMC Class B
- CE LVD
- HomePlug Certified

<sup>1</sup> Power outlets and electrical wiring must all be part of the same electrical system. Certain electrical conditions in your home, such as wiring condition and configuration, may affect the performance of this product. Additional D-Link Powerline HomePlug AV Adapters are required to add new devices to the network. A minimum of two D-Link Powerline HomePlug AV Adapters are required to create a network. Plugging this product into a wall-socket extension lead with a surge protector may adversely affect the performance of this product. For best results, plug the adapter directly into a wall socket.

<sup>2</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 or a touch-sensitive on/off feature, short wave radios, or other powerline devices that do not follow the HomePlug AV standard.

