



AV2 2000
Speeds



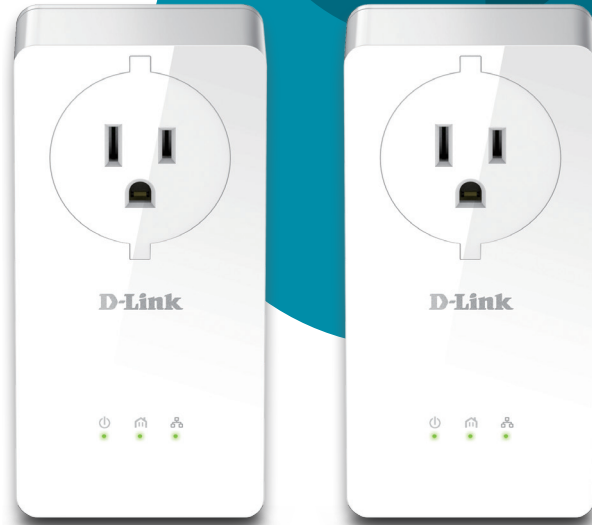
Passthrough
Socket



MIMO
Technology



High-Speed
Gigabit Port



DHP-P701AV

POWERLINE AV2 2000 GIGABIT PASSTHROUGH STARTER KIT

Features

Performance

- Powerline AV2 Technology - Speeds of up to 2000Mbps¹
- MIMO technology for higher-speed data transfer and wider coverage
- Passthrough socket with noise filter
- High-Speed Gigabit Port
- Power saving mode reduces power consumption up to 85%³

Ease of Use

- Plug-n-Play installation
- Secure connection with the push of a button

Overview

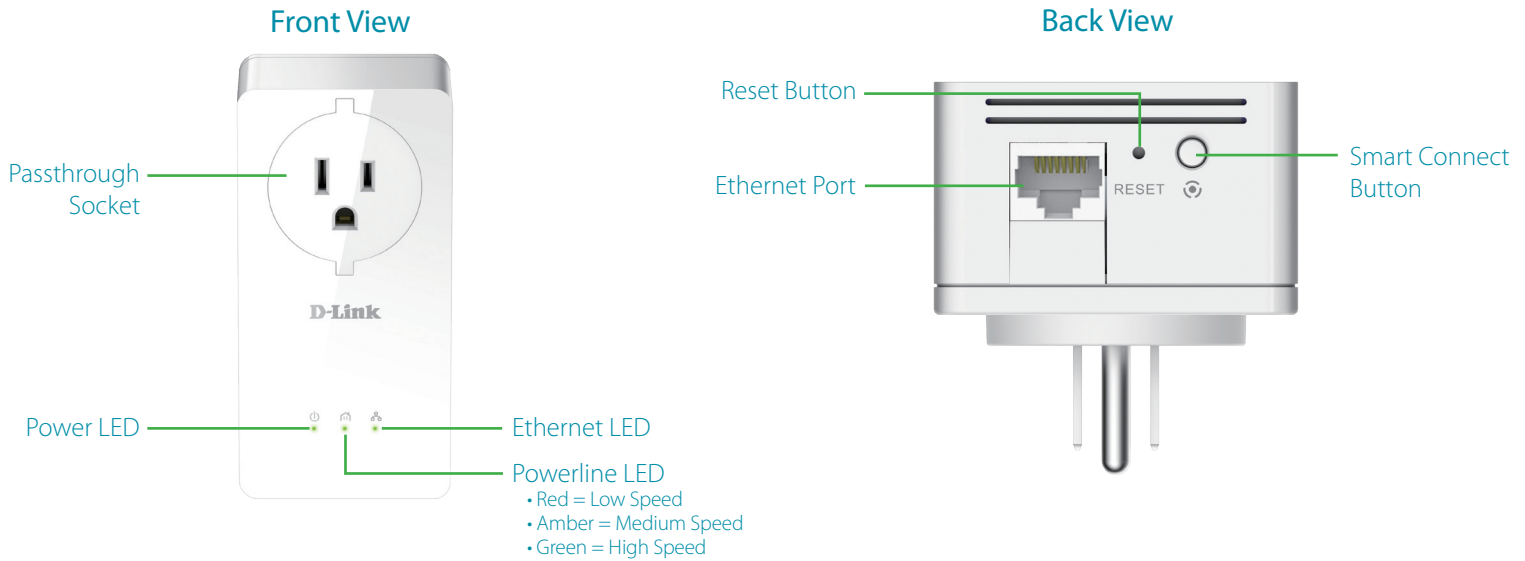
Create a high-speed Home network² at speeds of up to 2000Mbps. The kit includes two DHP-P700AV Powerline AV2 2000 Gigabit Adapters. You can connect several different devices, from routers, computers, access points, gaming consoles, to Smart TVs, bringing Ethernet network connectivity to hard-to-reach areas in your home. Each adapter will come with the latest in AV2 MIMO technology and Gigabit connectivity so that you can stream more HD media, transfer all those large files and be online playing games with your friends. The integrated passthrough socket ensures no power outlet is going to waste and the built-in noise filter eliminates electrical signal noise for powerful transmission performance.

Why MIMO Technology?

MIMO (Multiple Input Multiple Output) technology increases bandwidth and speed which will let you transfer more data so that you can do more of the stuff you love: stream 4K ultra HD media, play more online games, and transfer all of the large files you want.

Setup Couldn't Be Any Easier

Just connect one of your adapters to your router, connect the other adapter to your device, and then press the Simple Connect button on each adapter to create a secure connection. It's that simple!



Technical Specifications

General

Standards	<ul style="list-style-type: none"> • IEEE 802.3 • IEEE 802.3u • IEEE 802.3x 	<ul style="list-style-type: none"> • IEEE 1901 • HomePlug AV • HomePlug AV2
Ethernet Interface	<ul style="list-style-type: none"> • 10/100/1000Mbps Gigabit Ethernet 	

Functionality

LED	<ul style="list-style-type: none"> • Power • Ethernet 	<ul style="list-style-type: none"> • Powerline
Security	<ul style="list-style-type: none"> • 128-bit AES data encryption 	
Powerline Modulation Scheme	<ul style="list-style-type: none"> • OFDM symbol modulation 	
Powerline Frequency Band	<ul style="list-style-type: none"> • 2 MHz to 86 MHz 	
Data Rate	<ul style="list-style-type: none"> • Ethernet: 10/100/1000 Mbps (auto negotiation) 	<ul style="list-style-type: none"> • Powerline: Up to 2000 Mbps (PHY rate)¹

Physical

Weight	<ul style="list-style-type: none"> • 0.46 lbs 	
Power	<ul style="list-style-type: none"> • 100-125 V AC, 50/60 Hz, 15 A 	
Passthrough Power Socket	<ul style="list-style-type: none"> • 125 V/15 A Maximum 	
Power Consumption	<ul style="list-style-type: none"> • Maximum: 4.36 W • Network Standby: 3.75 W 	<ul style="list-style-type: none"> • Power Saving: 0.22 W
Temperature	<ul style="list-style-type: none"> • Operating: 32 to 104° F 	<ul style="list-style-type: none"> • Storage: -4 to 149° F
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • UL 	<ul style="list-style-type: none"> • FCC



DHP-P701AV POWERLINE AV2 2000 GIGABIT PASSTHROUGH STARTER KIT

Dimensions (W x H x D)	• 4.68 x 2.36 x 1.48 inches	
Package Contents	• PowerLine AV2 2000 Gigabit Passthrough Adapters (DHP-P700AV x 2) • Ethernet cable x 2	• Quick install guide
Warranty Information	• 1 Year Limited Warranty	• For more information visit http://support.dlink.com/warranty
Order Information		
Part Number	Description	
DHP-P701AV	PowerLine AV2 2000 Gigabit Passthrough Starter Kit	

¹ Maximum throughput is 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/AV2 standard.

² Actual data will vary because of the network conditions and environmental factors.

³ The device will enter power saving mode when no traffic is detected for a period of five minutes. Power consumption in power saving mode is up to 85% lower than for normal operation.

For more information

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