

Product Highlights

Advanced Multimedia Streaming

Super-fast data transfer rates of up to 1900 Mbps², ideal for streaming 4K media, high-speed Internet, online gaming, VoIP calls, and HD video

MIMO Technology

MIMO technology will let you transfer more data so that you can do more of the stuff you love: play more online games and transfer more large files

No Cabling to Install, No Complicated Setup

Use your existing in-home electrical wiring and turn any electrical power outlet into an Ethernet network connection



DHP-701AV

PowerLine AV2 2000 HD Gigabit Starter Kit

Features

Convenient Home Networking Solution

- Connect two rooms by simply plugging in a pair of adapters¹
- Share your Internet connection or share files between computers
- Subtle design discreetly blends into you home

Connectivity

- PowerLine data transfer rates of up to 1900 Mbps²
- Gigabit Ethernet Port
- PowerLine interface compatible with IEEE 1901 and HomePlug AV2 standards
- MIMO capability for increased throughput

Security Features

- Simple Connect button for secure, hassle-free network setup
- 128-bit AES data encryption with key management for secure communications over electrical wiring

Simple Setup

- Plug in to any existing power outlet to create an instant network
- Connect more rooms by simply plugging in additional adapters

The DHP-701AV PowerLine AV2 2000 HD Gigabit Starter Kit uses your home's existing electrical wiring to create a network or extend your existing network¹. Share the Internet connection in your hallway with a game console or smart TV in your lounge, or connect a computer the basement where there is no Wi-Fi reception, all without the need to install additional network cabling. The DHP-701AV includes two PowerLine adapters, allowing you to get your home PowerLine network up and running right away. Simply connect 1 of the 2 included adapters to your router and an available power socket, and the other to another power socket where you need the Internet connection.

Ideal For Bandwidth-Intensive Applications

The DHP-701AV is capable of delivering data transfer rates of up to 1900 Mbps². This rapid transmission speed makes it ideal for bandwidth-intensive applications, guaranteeing smooth 4K video streaming, VoIP calls and online gaming. In addition, MIMO (Multiple In Multiple Out) make use of all the electrical wiring simultaneously to maximise performance to give you a faster and more stable connection. Built-in traffic optimisation prioritises Internet traffic to help ensure that your streaming movies and music don't skip or stutter while web surfing and downloading files at the same time. Now you can experience high-quality multimedia streaming throughout your home, all through your existing electrical wiring.

Data Transmission Over Electrical Wiring

The D-Link DHP-701AV PowerLine AV2 2000 HD Gigabit Starter Kit turns every power outlet into a possible network connection to access digital media devices, game consoles, print servers, computers, and network storage devices throughout your home. Compliance with the HomePlug AV2 standard and backward compatibility with the HomePlug AV standard ensure that the DHP-701AV can be used with older PowerLine devices.

Convenient Setup And Secure Operation

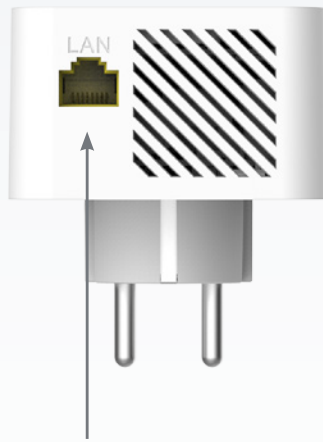
The DHP-701AV plugs directly into a power outlet, and does not require any additional cables. Extend your home network by connecting multiple devices in the farthest corners of your home, or attach a switch or wireless access point to the adapter for additional connectivity. For convenient setup, an encryption key can be quickly configured with the push of a button; 128 bit AES data encryption protects your network from unauthorised wire-tapping. With hassle-free plug and play installation, the DHP-701AV is an ideal solution to create a wall-to-wall home network.

Saves Power Automatically

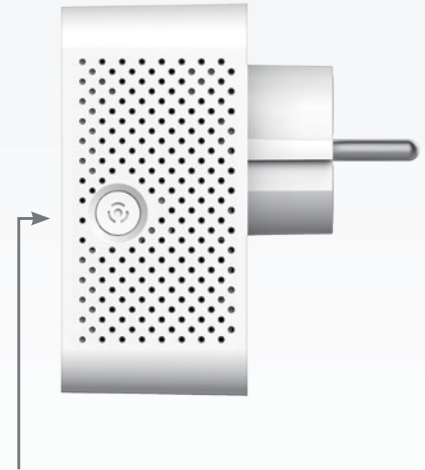
The DHP-701AV incorporates a power saving mode that automatically places the adapter in sleep mode if no data transmission or reception occurs over a certain period of time, reducing power usage by more than 85%. This helps you save energy automatically without sacrificing performance.



Power LED PowerLine LED Ethernet LED



LAN Ethernet Port



Simple Connect Button

DHP-701AV PowerLine AV2 2000 HD Gigabit Starter Kit

Technical Specifications		
General		
Powerline Interface	• Power plug (country-dependent)	
Ethernet Interface	• RJ-45 Gigabit Ethernet LAN port	
Functionality		
Standards	• IEEE 802.3 • IEEE 802.3u	• IEEE 1901 • HomePlug AV2
Security	• 128-bit AES data encryption	
LEDs	• Power • Ethernet	• PowerLine
Functions Support	• Power saving mode • Simple connect button	• QoS
Powerline Modulation Scheme	• OFDM Symbol Modulation	
Powerline Frequency Band	• 2 MHz to 86 MHz	
Data Rate	• Ethernet: 10/100/1000 Mbps (auto negotiation)	• PowerLine: Up to 1900 Mbps (PHY rate) ²
Physical		
Dimensions	• 82 x 65 x 40 mm (3.22 x 2.55 x 1.57 inches) (each adapter)	
Weight	• 150 g (each adapter)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	
Power Consumption	• 5.2 W maximum (each adapter)	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • FCC	• CE/LVD • UL

¹ 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 AV series products are required to add new devices to the network. A minimum of two D-Link PowerLine AV series products 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 the adapter directly into a wall outlet.

² Maximum throughput is based on theoretical transmission PHY rate derived from HomePlug AV2 specifications. 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.



For more information: www.dlink.com

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Home is where the **SMART** is