D-Link®

PLUG & PLAY
Easy Setup

2000Mbps

MIMO Technology

DHP-701AV

Powerline AV2 2000 Gigabit Starter Kit

Features

- Get a high-speed network using your existing electrical wiring
- PowerLine AV2 Technology - Speeds of up to 2000Mpbs[1]
- Gigabit Ethernet Ports for Gigabit speeds
- Plug-and-Play installation
- Power saving mode reduces power consumption up to 85%[3]
- 128-bit AES Link Encryption with key management for secure power line communications
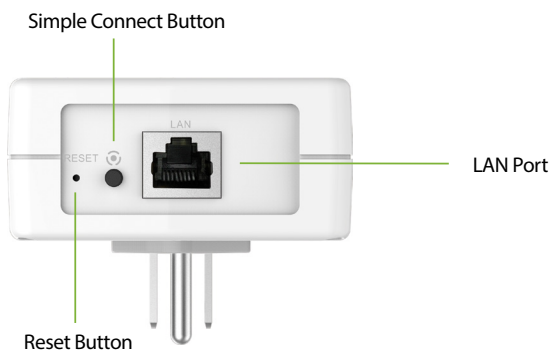
Overview

Create a high-speed Home network[2] at speeds of up to 2000Mbps. The kit includes two DHP-700AV Powerline AV2 2000 Gigabit Adapters. You can connect several different devices, from routers, computers, access points, gaming consoles, to Smart TV's, 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.

Why MIMO technology?

MIMO (Multiple Input Multiple Output) technology means higher data transfer rates, better coverage and a more stable network. In other words, your overall network performance will be improved thanks to the use of multiple antennas, compared to the use of a single antenna used in SISO (Single Input Single Output).

Setup couldn't be any easier

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

Simple Connect Button

LAN

RESET

LAN Port

Reset Button

Technical Specifications

General

Standards	• IEEE 802.3 • IEEE 802.3u • HomePlug AV	• HomePlug AV2 • IEEE 1901
Ethernet Interface	• 10/100/1000Mbps Gigabit Ethernet	
Minimum Requirements	• Electrical wiring with at least two available outlets on the same circuit • Internet Explorer® 11, Mozilla® Firefox® v28, Google Chrome v33, or Safari v7	• Cable, DSL or Fiber Optics • Router • Computer with Windows® 8.1, Windows® 8, Windows® 7 , or Mac OS® X (v10.7)

Physical

Dimensions	• 3.89 x 2.86 x 1.34 inches	
Weight	• 0.4 lbs	
Input Power	• 100V ~ 240V	
LEDs	• Power, PowerLine, LAN (from right to left)	
Temperature	Operating: 32 to 104 °F	• Storage: -4 to 149 °F
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
EMC Certifications	• FCC	
Safety Certifications	• UL	
Package Contents	• 2 x PowerLine AV2 2000 Gigabit Adapters (DHP-700AV) • Warranty documents	• 2 x Ethernet Cables • Quick Installation Guide

Order Information

Part Number	Description
DHP-701AV	• PowerLine AV2 2000 Gigabit Starter Kit

[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 vacumn 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 conditionsand configuration may affect the performance of this product. A minimum of two PowerLine devices 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] The device will enter power saving mode when no traffic is detected for a period of 5 minutes. Power consumption in power saving mode is up to 85% lower than for normal consumption.

All references to speed are for comparison purposes only. Product specification, 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.

For more information

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