WIRELESS N POWERLINE ROUTER

Network connections to anywhere in your house	High quality and performance connectivity for enhanced gaming, HD media streaming and super	fast Internet Combines wireless and wired connectivity using Ethernet and your home's existing

WIRELESS N POWERLINE ROUTER

The D-Link Wireless N PowerLine Router (DHP-1320) provides all of the freedom and flexibility of a Wi-Fi network plus the ability to enjoy a blazing-fast wired connection, without the mess of wires.

THE CONVENIENCE OF WI-FI AND POWERLINE

The DHP-1320 is a Wireless N 300 router that provides a significantly faster and farther-reaching wireless signal than (outdated) Wireless G routers. D-Link's Intelligent Antenna Technology makes use of your home's environment by bouncing multiple wireless signals off of walls and ceilings to work around obstructions and help eliminate dead spots. At the same time, you can use PowerLine in areas where a wired connection would be beneficial, like hard-to-reach areas in your home.

WHOLE-HOME COVERAGE, NO UNSIGHTLY CABLES

Built-in PowerLine Router capabilities work seamlessly with D-Link's PowerLine AV adapters (must purchase separately) that extend your network to the farthest corners of your home using the electrical wiring already installed in your walls. Simply connect your router and plug it into a power outlet to turn every other power outlet in your home into a possible network connection with speeds up to 200Mbps - fast enough to stream HD video and share large files. Since it is compliant with the HomePlug AV standard, you can use it to extend an existing PowerLine network[2], or simply create a new one. It turns every power outlet into a possible network connection so you can access digital media devices, game consoles, print servers, computers and network storage devices from any room in your home.

FEATURES

+ IEEE 802.11n and 802.11g Compliant
+ Up to 300Mbps[3] Throughput for Wi-Fi Network
+ Wi-Fi® Protected Setup™ (WPS) for Simple Push-Button Wireless Network Configuration
+ Built-in QoS Engine Enhances Internet Experience
+ 3-Port 10/100Mbps Fast Ethernet Switch
+ Supports Secure Wireless Encryption Using WPA™ or WPA2™
+ Uses Your Home's Existing Electrical Wiring by Plugging into Power Outlets[2]
+ Up to 200Mbps[3] Throughput for PowerLine AV Network
+ Power Saving Mode
+ Supports 128-bit AES Encryption For PowerLine Network Security
+ PowerLine Sync Connection (ENY) Button
+ Plug & Play Installation
+ 24/7 Basic Installation Support[4]
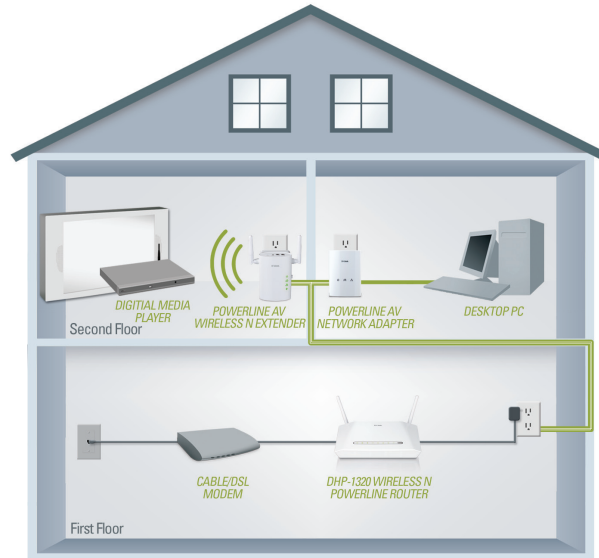+ 1-Year Limited Warranty[5]

THINK GREEN

While this may look like your average router, it's not. This is a D-Link Green™ router, which is as good for your wallet as it is for the environment. The DHP-1320 is designed to 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

+ Power saving by link status
+ Power saving by cable length
+ Power saving by wireless LAN scheduling
+ On/off button saves power when not in use

YOUR NETWORK SETUP

DHP-1320

DIGITAL MEDIA PLAYER — POWERLINE AV WIRELESS N EXTENDER — POWERLINE AV NETWORK ADAPTER — DESKTOP PC
Second Floor
CABLE/DSL MODEM — DHP-1320 WIRELESS N POWERLINE ROUTER
First Floor

A MINIMUM OF TWO D-LINK POWERLINE AV ETHERNET ADAPTERS ARE REQUIRED TO CREATE A NETWORK. D-LINK POWERLINE AV ETHERNET ADAPTERS (DHP-W306AV, DHP-306AV, DHP-307AV) MAY COEXIST, BUT ARE NOT COMPATIBLE OR INTEROPERABLE, WITH D-LINK POWERLINE HD ETHERNET ADAPTERS (DHP-302, DHP-303)

TECHNICAL SPECIFICATIONS

STANDARDS
+ IEEE 802.11n
+ IEEE 802.3
+ IEEE 802.3u
+ HomePlug AV

ETHERNET INTERFACE
+ Three 10/100Base-TX Ethernet Port
+ RJ-45 Connector

MAXIMUM PHY RATE
+ 200 Mbps[1]

POWERLINE FREQUENCY BAND
+ 2MHz to 28MHz

QOS
+ Intergrated QoS prioritizes media and data

POWERLINE SECURITY
+ 128-bit AES encryption

LEDS
+ Power
+ Internet
+ WLAN
+ PowerLine
+ Ethernet

POWER SUPPLY
100~240VAC, 50/60Hz

POWER SAVING
+ Power saving mode supported
+ Compliant with European Energy Using Product Directive

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

OPERATING HUMIDITY
+ 10% to 90% non-condensing

CERTIFICATIONS
+ CE EMC Class B
+ FCC Part 15 Class B
+ UL
+ CE LVD
+ K21

DIMENSIONS
+ 5.25" x 8" x 1.5"

WEIGHT
+ 1.02 lbs

WARRANTY
+ 1-Year Warranty

[1] Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link's 802.11n devices.
[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 effect 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] 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.
[4] 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.
[5] 1-Year Limited Warranty available only in the USA and Canada.
[6] Computer must adhere to Microsoft's recommended system requirements.
[7] Software included is not Mac-compatible.
[8] Latest Software and Documentation available at http://support.dlink.com.

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. D-Link PoweLine AV Networker Adapters (DHP-306, DHP-307AV) may coexist with but are not compatible or interoperable with D-Link HD Ethernet Adapters (DHP-302, DHP-303). This product is designed for use in the USA and Canada. Use of this product in other countries might violate local laws.

MINIMUM REQUIREMENTS
Computer with:
+ Windows® 7[6], Windows Vista® [6] or Windows® XP SP2[6] or Mac OS® X [7] (v10.4)
+ Internet Explorer® v6 or Mozilla® Firefox® v3.0
+ CD-ROM Drive
+ Network Interface Card

Power Supply:
+ 110–240VAC, 50–60Hz

FOR INTERNET ACCESS:
+ Cable or DSL Modem
+ Subscription with an Internet Service Provider (ISP)

For optimal wireless or powerline performance, use with D-Link RangeBooster N©, USB Adapter (DWA-140) and D-Link PowerLine AV Network Adapter (DHP-306AV), or D-Link PowerLine AV Wireless N Extender (DHP-W306AV)

PACKAGE CONTENTS
+ Wireless N PowerLine Router (DHP-1320)
+ Ethernet Cable
+ 2 Detachable Antennas
+ Power Cord
+ CD-ROM[8]

POWERLINE AV