



## WIRELESS N POWERLINE ROUTER

### POWER-SAVING TECHNOLOGY

D-Link Green features save energy by cutting power to unused ports

### HIGH-SPEED POWERLINE AND WIRELESS NETWORKING

Enjoy high speed networking over the air or through your home's existing electrical wiring

### SHARE PRINTERS AND STORAGE

Shareport offers network access to printers, scanners, and USB storage



### EXPAND YOUR HOME NETWORK

D-Link's DHP-1320 Powerline Router combines the HomePlug AV standard with 802.11n wireless providing a fast and easy way to expand your network to all corners of your home. HomePlug AV offers speeds of up to 200 Mbps<sup>1</sup>, making it an ideal solution for fast Internet access, lag-free gaming, streaming video, and VoIP. This router includes three Fast Ethernet ports and a Simple Connect button for establishing a secure powerline network connection in just a few seconds.

### ENJOY CONVENIENT SETUP AND SECURE OPERATION

The DHP-1320 features two modes of operations - Router Mode and Access Point Mode. Router Mode receives an outside Internet (WAN) connection and transmits it via powerline and Wi-Fi. Access Point Mode creates a Wi-Fi network based on an existing powerline network signal. Both modes offer comprehensive security features that help to prevent unauthorized access to your network. AES data encryption protects the powerline network from intruder wire-tapping. Meanwhile, modern encryption standards such as WEP, WPA and WPA2 ensure that your data will remain safe when transmitted wirelessly. Dual active firewalls (SPI and NAT) also help to guard against potential attacks originating from the Internet.

### SAVE ENERGY WITH D-LINK GREEN

D-Link Green features for the DHP-1320 include Wi-Fi Scheduling, PLC power saving, and power saving by link status. Scheduled Wireless allows administrators to configure specific hours when the wireless network will be powered off to save energy and enhance security. PLC power saving shuts down the powerline function when no Ethernet activity or wireless connection is detected. Power saving by link status automatically detects the link status of wired devices and reduces the power usage of ports that are idle. A physical power button on the back of the router allows you to turn the device off without unplugging it.

### SHARE MULTIFUNCTION PRINTERS AND USB STORAGE

The SharePort™ Network USB Utility allows you to connect a multifunction printer to the USB port to share printing and scanning functions among family members. The USB SharePort also supports external hard drives and flash storage for sharing files across your home network.

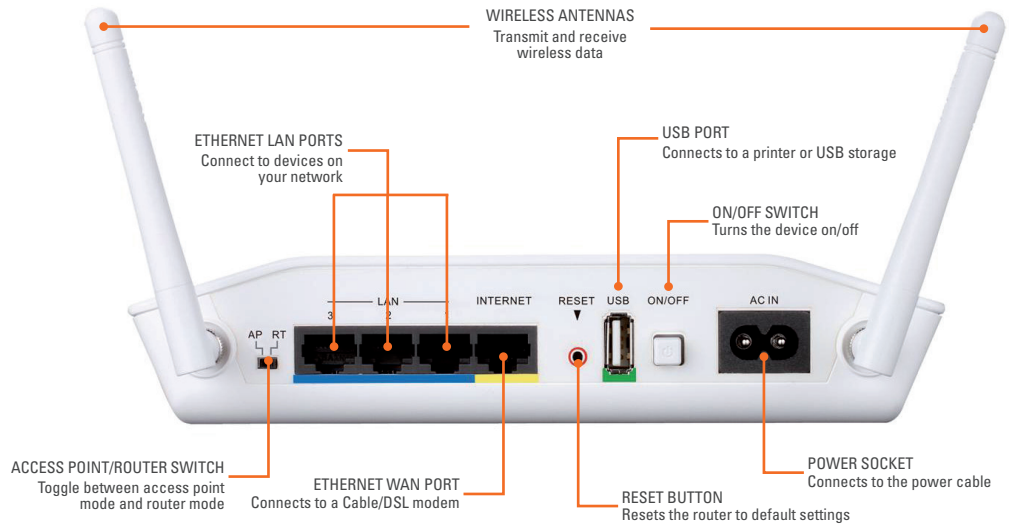
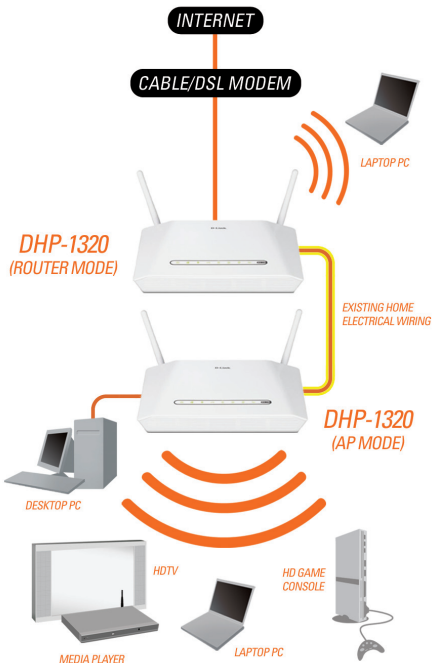
### WHAT THIS PRODUCT DOES

Connect the DHP-1320 to your cable or DSL modem to share your broadband Internet connection with multiple computers, game consoles, or media players throughout your home or office. Add additional Wireless N or HomePlug AV devices with the push of a button. Once connected, you can create your own personal wireless network to share documents, music, photos, and more.

### PRODUCT FEATURES

- HomePlug AV standard for high-speed data transmission over electrical wiring
- Wireless N technology for improved bandwidth and extended coverage range
- Advanced WEP, WPA™, or WPA2™ encryption for secure wireless networking
- Backward compatible with 802.11g and 802.11b devices including game consoles and digital media players
- Wireless LAN scheduling can shut down your wireless network when not in use, helping you to save energy
- Power saving by link status and PLC

### YOUR NETWORK SETUP



### TECHNICAL SPECIFICATIONS

#### MINIMUM SYSTEM REQUIREMENTS

- Windows®, Macintosh, or Linux-based operating system
- CD-ROM drive
- Ethernet adapter
- Internet Explorer 6 or later, Firefox 3.0 or later, Safari 3.0 or later, or Google Chrome 2.0 or later

#### DEVICE MANAGEMENT

- Web UI

#### STANDARDS

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.3u

#### PORTS

- 1 x WAN (RJ-45)
- 3 x LAN (RJ-45)
- 1 x USB 2.0

#### DATA RATES\*

- HomePlug AV: up to 200 Mbps<sup>1</sup>
- 802.11n: up to 300 Mbps<sup>2</sup>

#### WIRELESS FREQUENCY RANGE

- 2.4 GHz to 2.4835 GHz

#### ANTENNAS

- 2 Fixed 2 dBi external antennas

#### ADVANCED FIREWALL FEATURES

- Network Address Translation (NAT)
- Stateful Packet Inspection (SPI)
- VPN Pass-Through/Multi-Sessions
- PPTP/L2TP/IPSec

#### SECURITY

- 64/128-bit WEP
- WPA & WPA2 (Wi-Fi Protected Access)

#### SHAREPORT™ FUNCTION SUPPORT

- Allows connection of external hard drive or multifunction printer to USB port
- Allows sharing of HD space, printing and scanning functions\*

#### LED STATUS INDICATORS

- Power
- WPS
- Internet
- Wireless
- USB
- Ethernet
- Powerline

#### POWER

- 100 V to 240 V

#### POWER CONSUMPTION

- < 12 W

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

- 198 x 134 x 41.9 mm (7.8 x 5.3 x 1.6 inches)

#### WEIGHT

- 465.5 g (1.0 lb)

#### OPERATING TEMPERATURE

- 0 to 40 °C (32 to 104 °F)

#### STORAGE TEMPERATURE

- -20 to 65 °C (-4 to 149 °F)

#### OPERATING HUMIDITY

- 10% to 90%

#### STORAGE HUMIDITY

- 5% to 95%

#### CERTIFICATIONS

- FCC
- UL
- CE
- Wi-Fi
- IPv6

<sup>1</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.

<sup>2</sup> Maximum wireless signal rate derived from IEEE standard 802.11g 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.



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Release 01 (September 2010)