



- Blistering 200 Mbps\* data rate with HomePlug AV standard
- 108Mbps SuperG wireless Access Point
- Fast Ethernet port for wired connection
- Rock-solid security with data encryption and password protection for both powerline and wireless network
- Advance Quality of Service capability
- Compatible with any 2 or 3 pronged wall outlet with a standard 110 voltage
- Compatible with 220 V, 240 V power
- Stable and consistent data speed



HomePlug AV Powerline  
Wireless Access Point

PLA450

## Extend your wireless coverage over powerline

### Benefits

#### High Speed Network Connection

Powered by HomePlug AV Technology, the PLA450 wireless access point is rated at a blistering speeds of up to 200 Mbps over your existing powerlines. With built-in 108Mbps SuperG<sup>®</sup> wireless connection, it is an ideal solution for extending existing wireless coverage and is also backward compatible with 802.11b and 802.11g standard devices.

#### High Quality Video/Audio Streaming

Equipped with WMM (WiFi Multi-Media), the PLA450 prioritizes traffic according to 4 ACs (Access Categories) - voice, video, best effort, and background. The PLA450 is ideal for delay and bandwidth sensitive applications like VoIP and multimedia streaming. The priorities can be adjusted with bundled software.

#### Network Security

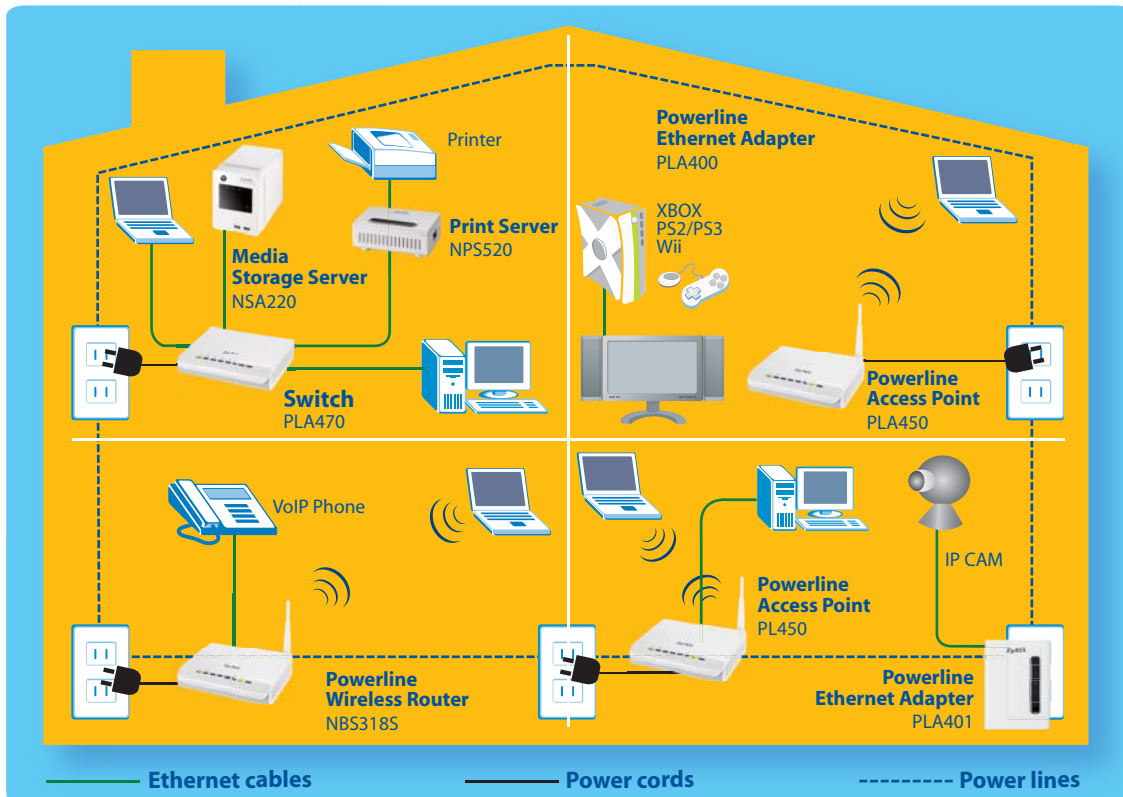
With support for WEP, WPA, WPA2 encryption, the PLA450 provides the best wireless security available today. In addition, all the network traffic over the powerlines is encrypted with 128-bit AES encryption.

## Specifications

<b>Network Capabilities</b>	HomePlug AV compliant Delivery of up to 200* Mbps data rate Supports up to 64 HomePlug AV devices	<b>Environment Specifications</b>	Operating Temperatures: 32°F ~ 113°F (0°C ~ 45°C) Humidity: 10% ~ 90% Non-condensing
<b>Frequency Band</b>	1.7 MHz ~ 30 MHz	<b>Certification</b>	FCC, CE, cUL, CSA
<b>Security</b>	Powerline: 128-bit AES Encryption with Key Management Security: WEP, WPA, WPA2	<b>Coverage</b>	Typical applications are estimated for a 5,000 square foot home
<b>Network Interface</b>	1x 10/100 Mbps Ethernet Port 1x 200 Mbps Powerline Plug	<b>Warranty</b>	ZyXEL 2-year Limited Warranty
<b>LED Display</b>	PWR: Power-Light LINK: Power-Line Link/ACT ETHN: Network Connected/Non-Connected	<b>Minimum System Requirement</b>	Computer: any computer that support Ethernet connection Windows 2000, Windows XP, Windows Server 2003
<b>Power Input</b>	100~240VAC, 50~60Hz, 0.08 Amp	<b>Package content</b>	PLA450 HomePlug AV PowerLine and Ethernet Adapter Power Cord Support CD with User Guide Quick Start Guide Ethernet Cable
<b>Physical Specifications</b>	Dimensions: 112mm (W) x 106mm (D) x 28.5mm (H) Weight: 185g (0.407 lb)		

\* Theoretical maximum channel data rate is 200 Mbps on a physical layer. The actual channel data rate may vary depending on interference with household power circuits and the quality of electrical installation

\*\* Super G® is technology by Atheros Communications



For more product information, visit us on the web [www.US.ZyXEL.com](http://www.US.ZyXEL.com)



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