

ZyXEL



Power Up Your Wireless Network

200Mbps
HomePlug



- **Data Transmission Rates of Up to 200 Mbps Over Powerline**
- **Centralize Control All the Powerline Device**
- **Advanced 128-bit AES Security Network Protection**
- **Super G Technology is the Optimal Wireless Range and Performance of Up to 108Mbps Data Rate**
- **HomePlug Instant Encrypt Button to Secure Your Powerline Network**
- **Multi-colored LED to Indicate Data Transmission Rates Over Powerline**

Benefits

Wireless Super G Technology Doubles Standard 802.11g Data Rate Up to 108 Mbps

ZyXEL PLA-450, it is a Powerline 200 Mbps Wireless Ethernet adapter which designed for transforms user's in-house power circuit into networking infrastructure and extends the Wireless Capability in home environment. The PLA-450 offers capability of 802.11b/g wireless standards. User is able to use 2.4 GHz frequencies for wireless connection experience and flexibility. Simply plug the PLA-450 to extend the Powerline Network with Super G up to 108M performance.

Data Transmission Rates of Up to 200 Mbps

The PLA-450 is an access extension solution to have your house completely networked with existing power lines. Thanks to the advanced HomePlug AV Technology, the PLA-450 is capable of transmitting data at up to 200 Mbps. It allows you to share network resources and enjoy Internet access through secure high-speed data connection over the house power lines you already have.

High Speed and QoS for High Definition Video Streams

The inherent advanced QoS features the PLA-450 to be an idea access tool for service provider to deliver "triple play" multimedia services such as high-quality digital video streams, high-speed Internet access, and voice services.

Powerline Wireless Ethernet Adapter

PLA-450



HOMEPLUG



Centralize Control all the Powerline Device

Friendly GUI design provides an interface for user to centralize Powerline products. The devices management function presents all the existing Powerline in your network. Easy to manage your network.

Advanced 128-bit AES Security Protection

With the 128-bit Data Encryption Security (AES) feature, the PLA-450 provides secure network connection for Internet access and network resource sharing. Just enjoy fast Internet surfing experience and secure file transfer and leave the sweats to the PLA-450.

Specifications

System Specifications

- Network Standard: HomePlug AV 200 Mbps compliance Data Rate
- Modulation: OFDM Symbol Modulation, Supports QAM 1024/256/64/16, DQPSK, DBPSK and ROBO Carrier modulation schemes
- Frequency Band: 1.7 MHz to 30 MHz
- Coverage Area: up to 300 meters
- Security: 128 bit AES encryption
- Wireless: 802.11b/g with super G

Hardware Specifications

- Interface: 10/100 Mbps Ethernet port with MDI/MDIX
- One Power Input: 100-240 VAC, 50/60 Hz, 0.2 A (Max)
- LED Display on Top-Case:
 - Power on or off
 - Powerline Link and Activity
 - Ethernet Link and Activity
 - Wireless Enable or Disable

Physical Specifications

- Dimensions: 162 (W) x 118 (D) x 40 (H) mm
- Weight: 318 g

Environmental Specifications

Operation Environment

- Temperature: 0°C ~ 40°C
- Humidity: 20% ~ 95% RH

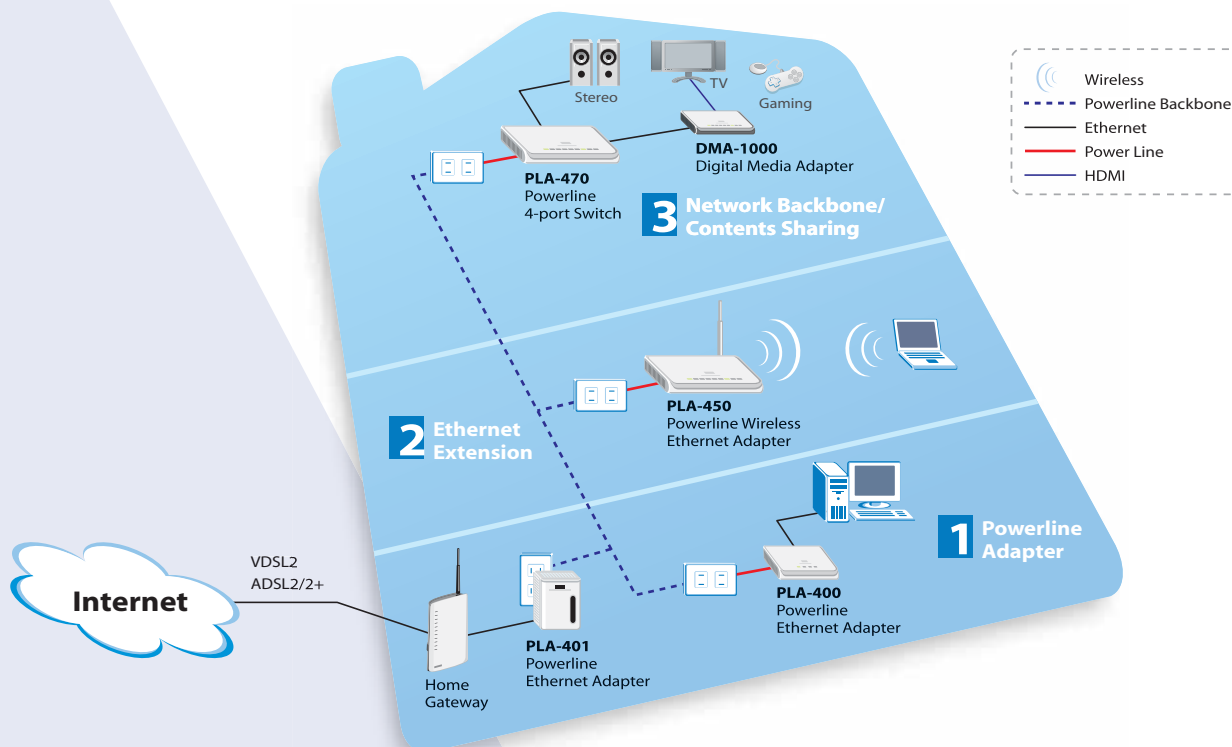
Storage Environment

- Temperature: -20°C ~ 60°C
- Humidity: 20% ~ 95% RH

Certification

- Safety: UL/cUL, LVD
- EMI: CE, FCC
- HomePlug Certification: HomePlug AV

Application Diagram



For more product information, visit us on the web www.ZyXEL.com