

# ZyXEL



## Power Up Your Network

**200Mbps**  
**HomePlug**



- **Data Transmission Rates of Up to 200 Mbps Over Powerline**
- **4-port 10/100 Mbps Ethernet Uplink/Downlink**
- **Advanced 128-bit AES Security Network Protection**
- **HomePlug Instant Encrypt Button to Secure Your Powerline Network**
- **Multi-colored LED to Indicate Data Transmission Rates Over Powerline**

### Benefits

#### Data Transmission Rates of Up to 200 Mbps

ZyXEL's PLA470 v2 is an access extension solution for your house to be completely networked with existing power lines. Thanks to the advanced HomePlug AV Technology, the PLA470 v2 is capable of transmitting data at up to 200Mbps. 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 inherited advanced QoS features make HomePlug AV Series ideal access tools for service providers to deliver "triple play" multimedia services such as high-quality digital video streams, high-speed Internet access and voice services.

#### 4-port 10/100 Mbps Ethernet Uplink/Downlink

The 4-port ZyXEL desktop powerline ethernet switch is designed increase the flexibility and cost efficiency of your powerline network. The PLA470 v2 allows more applications to take advantage of the poweline network simultaneously, and its plug-and-play compatibility makes installation and management easier and faster than ever.

#### Advanced 128-bit AES Security Protection

With the 128-bit Data Encryption Security (AES) feature, the PLA470 v2 provides secure network connection for Internet access and network resource sharing. Just leave the sweats to the PLA470 v2, sit back and enjoy the fast surfing experience as well as secure file transfer over the internet.

Powerline Ethernet 4-port Switch

PLA470 v2



# HOMEPLUG



## Specifications

### System Specifications

- Network Standard: HomePlug AV 200 Mbps compliance Data Rate
- Power Line Network: Supports up to 16 Powerline- devices communicating on a single network. Each Powerline Ethernet adapter supports 15 remote Ethernet addresses. With total 4 groups then it can support up to total 64.
- Modulation: OFDM Symbol Modulation, supports QAM 1024/256/64/16, DQPSK, DBPSK and ROBO Carrier modulation schemes
- Frequency Band: 1.7 MHz ~ 30 MHz
- Coverage Area: up to 300 meters
- Security: 128 bit AES encryption

### Hardware Specifications

- Interface: 4-port 10/100 Mbps Ethernet, RJ-45, with automatic MDI/MDIX
- Power Input: 100-240 VAC, 50/60 Hz, 0.2 A (Max)
- LED Display:
  - Status LED Power
  - Powerline Link and Activity
  - Ethernet Link and Activity
  - Throughput Indication

### Physical Specifications

- Dimensions: 162 (W) x 118 (D) x 35 (H) mm
- Weight: 300 g

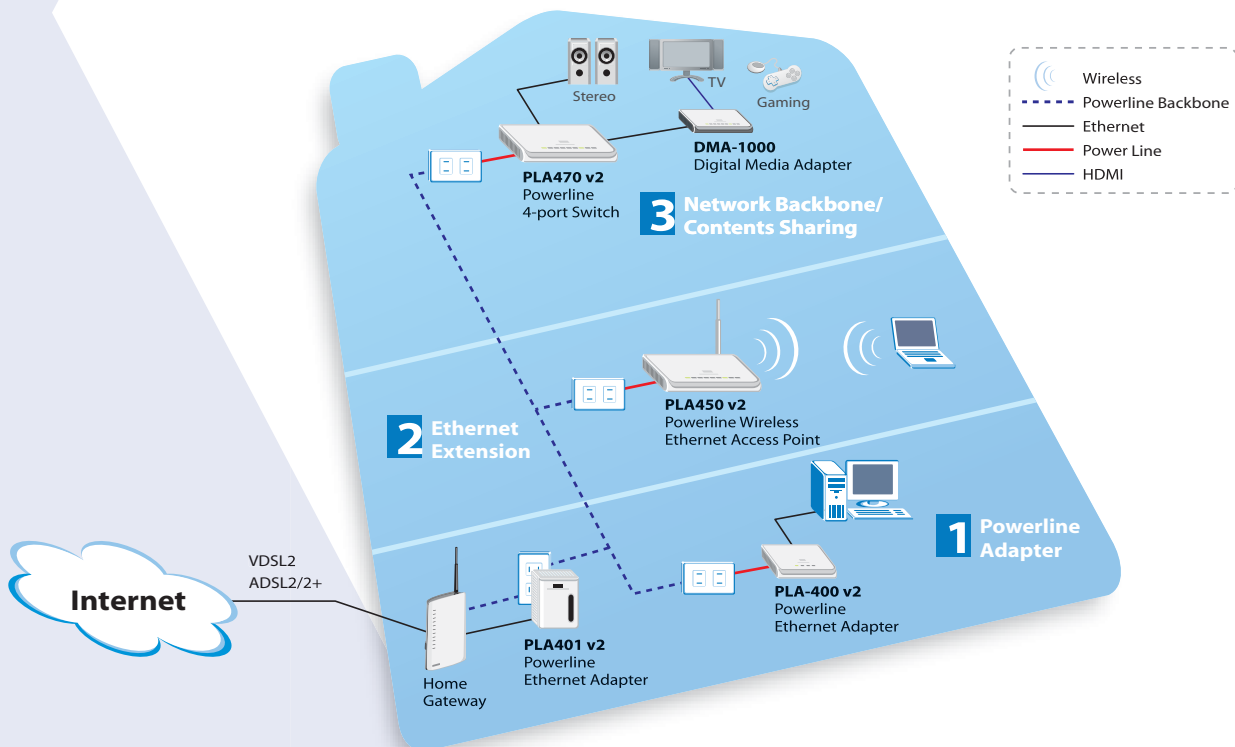
### Environmental Specifications

- Operating Temperature: 0°C ~ 40°C
- Storage Temperature: -20°C ~ 60°C
- Operating Humidity: 20% ~ 95% RH
- Storage Humidity: 20% ~ 95% RH

### Certification

- Safety: UL/cUL, LVD
- EMI: CE, FCC part 15B
- HomePlug Certification: HomePlug AV

## Application Diagram



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