

# AV1000 Gigabit Powerline Wi-Fi Extender

Model: MP510 KIT

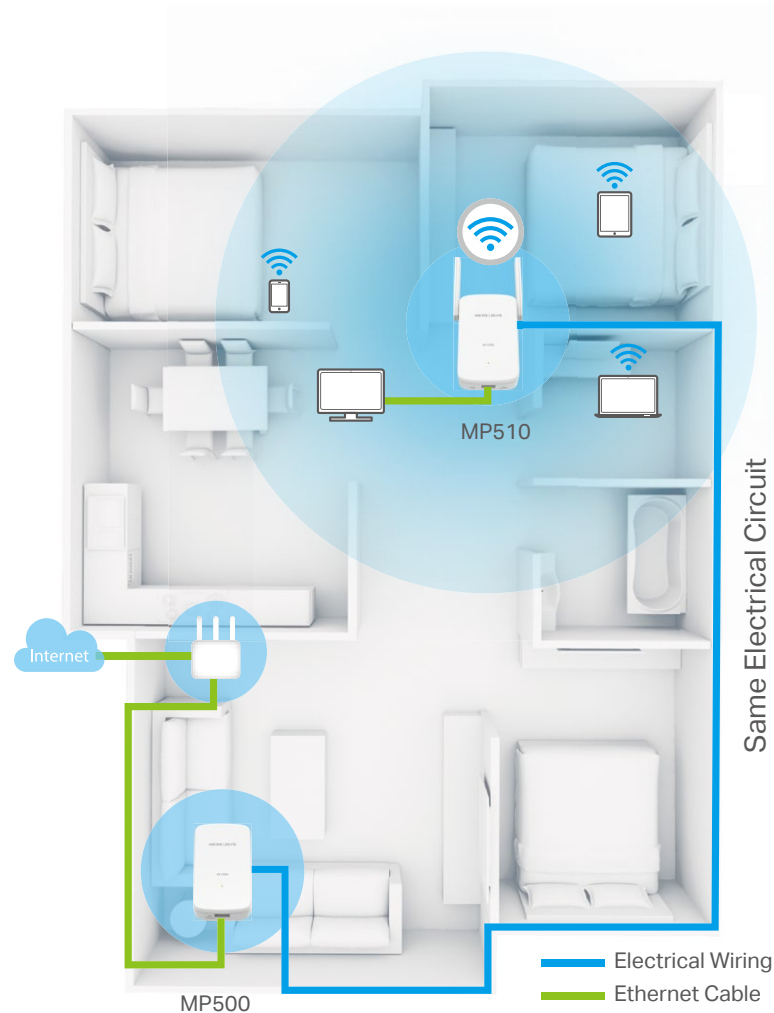
## // Highlights

- Eliminate Wi-Fi Dead-Zones – Extend 300 Mbps Wi-Fi via Your Home's Wiring
- 1000 Mbps Powerline Transfer Rate – Fast and Stable Transmissions with Advanced HomePlug AV2
- Super-Fast Wired Connection – A Gigabit Port for PCs, IPTVs, and Game Consoles
- 4K Streaming Mate – Extend Wi-Fi to Every Corner of Your Home



## // Applications

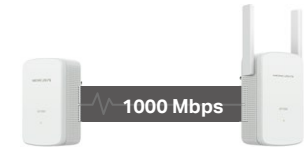
### Extend Wi-Fi Everywhere Via Your Home's Electrical Circuit



## // Features

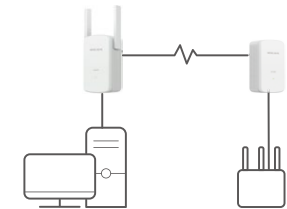
### High-Speed Powerline Transmissions

Equipped with advanced HomePlug AV2 technology, the ultra-fast data transmission rate reaches up to 1000 Mbps for a high-quality connection from any of your outlets.



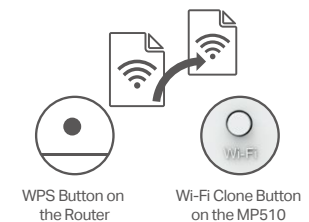
### Plug and Play

Without complex wiring and configuration, immediately extend your network as soon as you connect one MP500 to your router and plug the MP510 into an outlet.



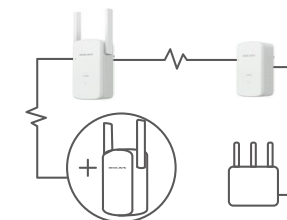
### Unify Your Wi-Fi Networks

Press the Wi-Fi Clone Button on the MP510 to copy the SSID and password from your router and create a single, unified Wi-Fi network throughout your home. Any setting changes will be automatically applied to the entire Powerline network.



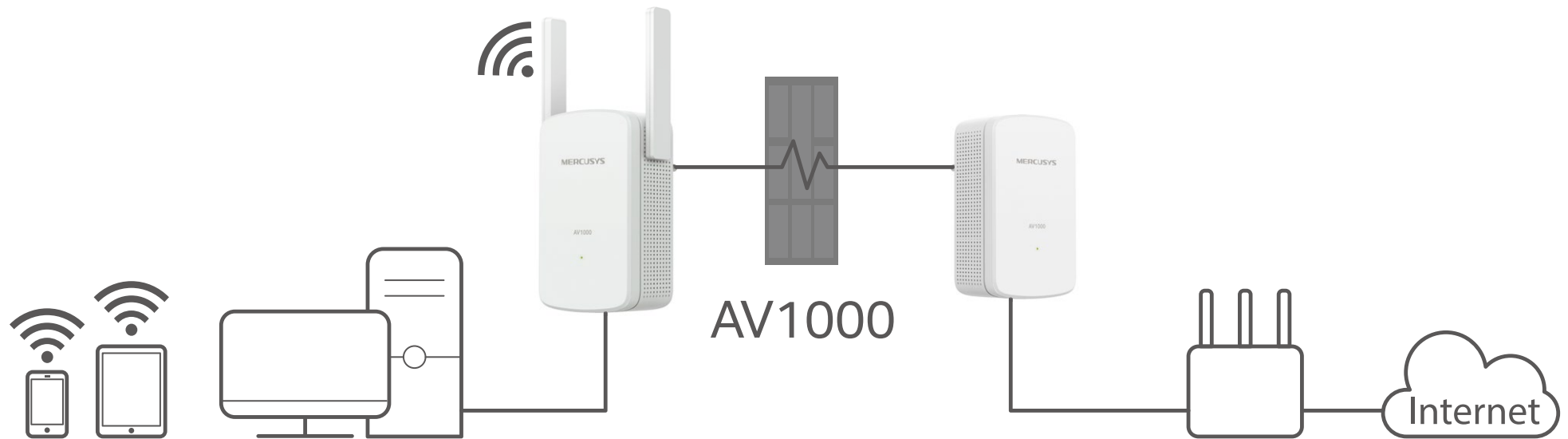
### Easy Expansion

If a typical two-pack kit doesn't meet all your networking needs, simply add more Powerline adapters to expand your network to any room.



## // Connections

No complex wiring and configuration, just Plug and Play



## // Specifications

### Physical Specifications

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**Plug Type:** EU

**Standards and Protocols:**

HomePlug AV2, IEEE 802.3, IEEE 802.3u, IEEE802.11b/g/n

**Power Consumption:**

MP510: Maximum: 6.28W, Typical: 4.29W

MP500: Maximum: 2.87W, Typical: 2.35W, Standby: 0.64W

**Range:** Up to 300 meters over an existing electrical circuit

**Interface:** 1x Gigabit Port

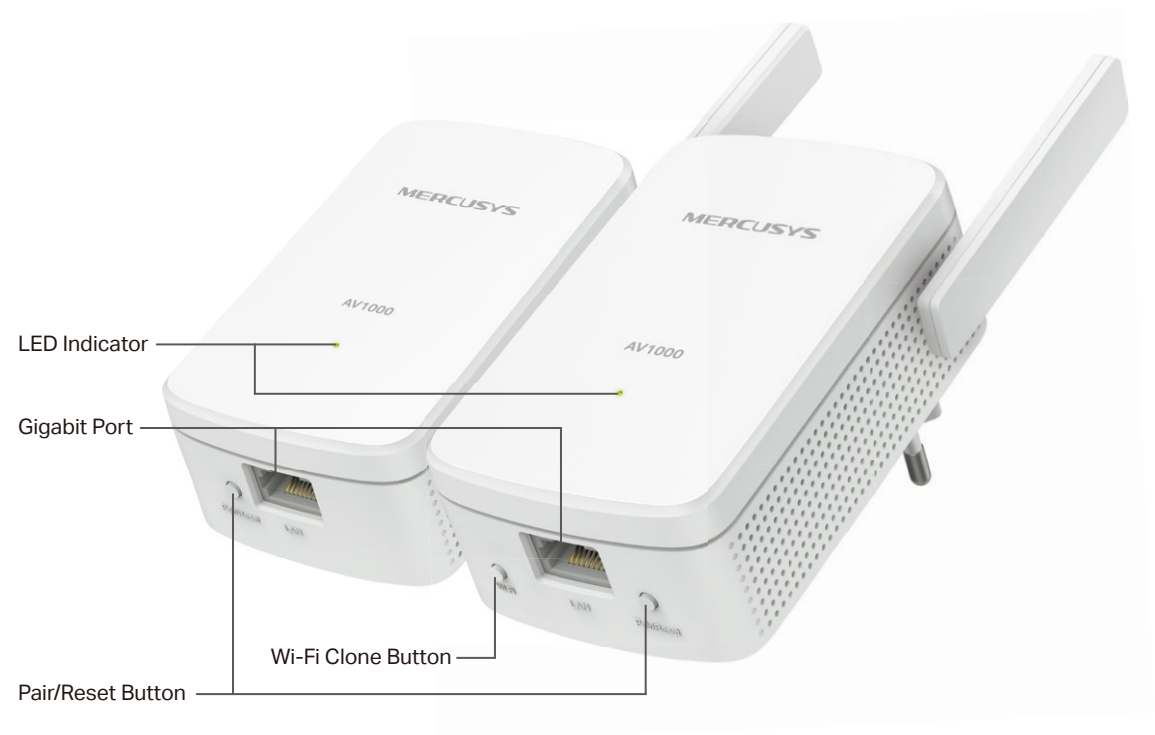
**Button:** Pair/Reset Button

**LED Indicator:** Power

**Dimensions (L x W x H):**

MP510: 112 × 84.7 × 39 mm

MP500: 101 × 60 × 36 mm



## // Specifications

### Software Specifications

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**Modulation Technology:** OFDM (PLC)

**Security:**

Wireless:

WEP, WPA/WPA2-Personal, WPA2/WPA3-Personal Encryption;

Powerline: 128-bit AES Encryption

**Compatibility:**

Compatible with all routers and HomePlug AV/AV2 powerline adapters

### Other Specifications

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**Certification:** CE, RoHS

**Package Contents**

- AV1000 Gigabit Powerline Wi-Fi Kit

- 1× MP510

- 1× MP500

- Quick Installation Guide

- RJ45 Ethernet Cables

**System Requirements:**

Windows 2000/XP/2003/Vista, Windows 7/8/8.1/10, Mac, Linux

**Environment**

- Operating Temperature: 0°C~40°C (32°F~104°F)

- Operating Humidity: 10%~90% Non-Condensing

- Storage Humidity: 5%~90% Non-Condensing

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\*Maximum Powerline signal rates are the physical rates derived from HomePlug AV/AV2 specifications. Actual Powerline data throughput and Powerline range are not guaranteed and will vary as a result of network conditions and environmental factors, including electrical interference, volume of traffic and network overhead, AFCI circuit breaker, and Powerline being on a separate circuit.

\*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

\*Compatible with all HomePlug AV and AV2 Standard Powerline adapters. This product may not be compatible with routers or gateways with firmware that have been altered, are based on open source programs, or are non-standard or outdated.

\*Use of WPA3 requires clients to also support WPA3. Further software upgrades for feature availability may be required.