



Extra Power
Socket for
Additional
Devices

AV1000 Gigabit Passthrough Powerline Starter Kit

Model: MP500P KIT

// Highlights

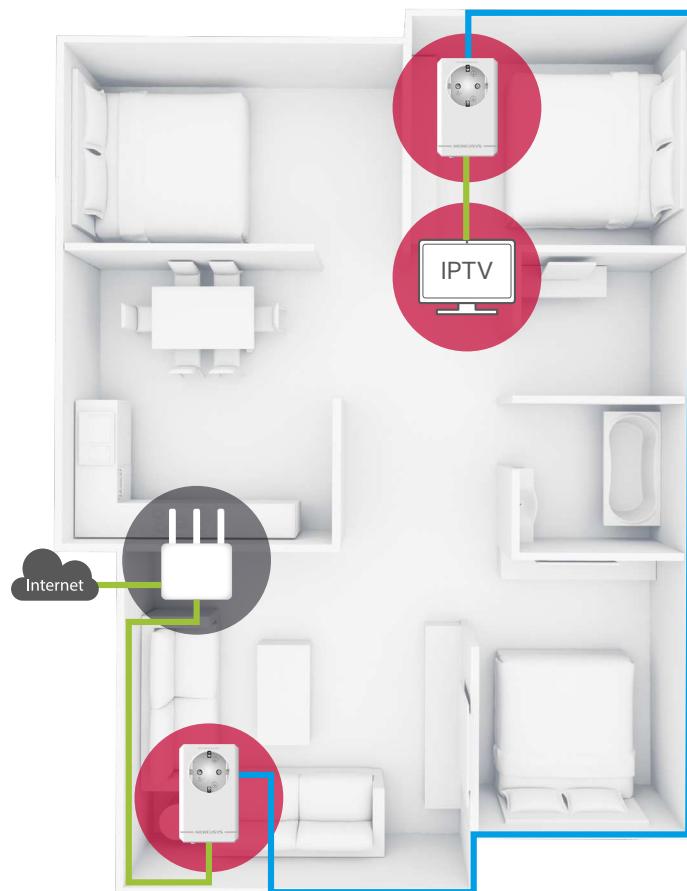
- 1000 Mbps High-Speed Transfer Rate – Fast and Stable Transmissions with Advanced HomePlug AV2
- Super-Fast Wired Connection – A Gigabit Port for PCs, IPTVs, and Game Consoles
- Plug and Play – Say Goodbye to Complex Wiring and Configuration
- Extra Power Socket – Convenient for Additional Devices



// Applications

Enjoy an Extended Network Everywhere over Your Existing Electrical Circuit

— Electrical Wiring
— Ethernet Cable



// 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 network from any one of your outlets.



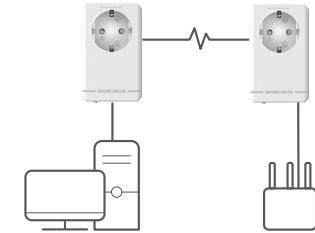
Power Saving*

Go green with your adapters by automatically switching to power saving mode when the adapters are not in use, conserving power by up to 85%.



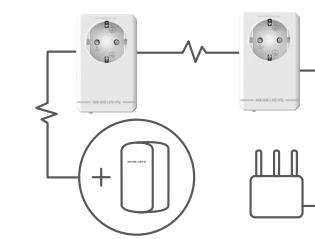
Plug and Play

Without complex wiring and configuration, immediately extend your network as soon as you connect one MP500P to your router and plug another one into an outlet.



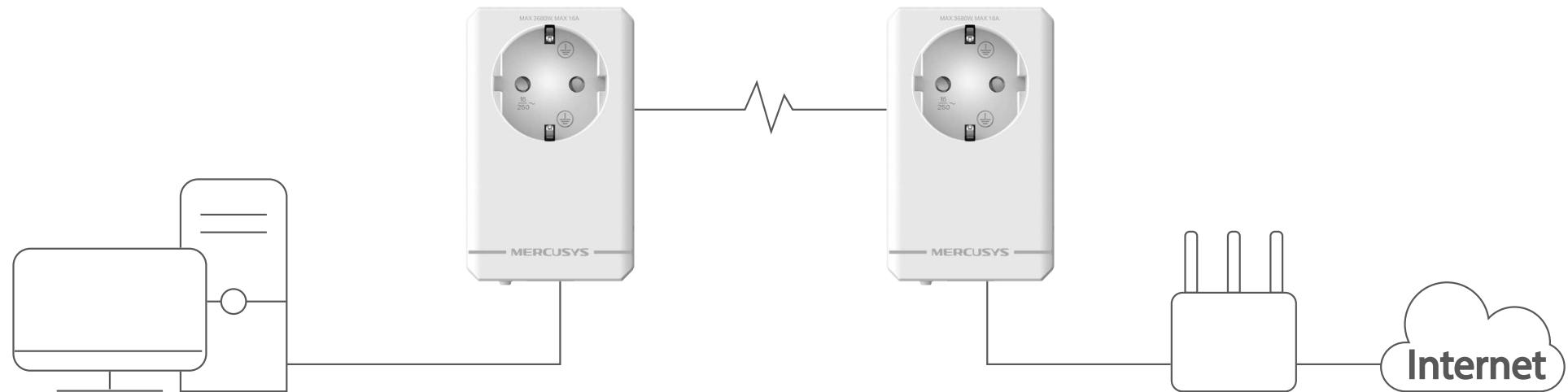
Easy Expansion

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

Plug Type: EU

Standards: HomePlug AV2, IEEE 802.3, IEEE 802.3u

Power Consumption: Maximum: 3.7W (230V/50Hz)

Typical: 3.1W (230V/50Hz)

Standby: 1.1W (230V/50Hz)

Range: 300 Meters over electrical circuit

Interface: 1x Gigabit Port

Button: Pair/Reset Button

LED Indicator: Power

Dimensions (L x W x H): 95 × 58 × 42 mm

LED Indicator

Pair/Reset Button

Gigabit Port



Software Specifications

Modulation Technology: OFDM (PLC)

Encryption: Powerline Security: 128-bit AES

Compatibility:

Compatible with all routers and HomePlug AV/AV2 powerline adapters

Other Specifications

Certification: CE, RoHS

Package Contents

- AV1000 Gigabit Powerline Starter Kit
- 2× MP500P
- Quick Installation Guide
- 2× 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

Specifications are subject to change without notice. MERCUSYS is a registered trademark of MERCUSYS TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2025 MERCUSYS TECHNOLOGIES CO., LTD. All rights reserved.

*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.

*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.

*The Power Saving feature takes effect when your appliances are disconnected or turned off. Actual power saving data will vary in different network conditions and environments.