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> Tenda AV1000 Powerline Wi-Fi Extender KIT with 2 Gigabit Ethernet Ports/WiFi Clone/Home Plug AV2/Powerline 1000Mbps+WiFi 300Mbps (PH5) Gigabit Kit with WiFi User Manual

Tenda PH5

Tenda AV1000 Powerline Wi-Fi Extender KIT (PH5) User Manual

MODEL: PH5

1. Introduction and Overview

The Tenda AV1000 Powerline Wi-Fi Extender KIT (PH5) is designed to extend your home network using your existing electrical wiring. It provides high-speed internet access to areas of your home where Wi-Fi signals may be weak or non-existent. With AV1000 powerline technology and Wi-Fi capabilities, it offers a reliable and fast connection for various online activities.

- **High-Speed Connectivity:** Wired speeds up to 1000Mbps powerline and wireless speeds up to 300Mbps.
- **Advanced Technology:** Utilizes a new generation Broadcom chipset and Homeplug AV2 technology for optimal performance, ideal for 4K HD streaming and lag-free gaming.
- **Wi-Fi Clone Function:** Simplifies setup by allowing one-touch cloning of your router's Wi-Fi configuration.
- **Gigabit Ethernet Ports:** Equipped with two gigabit Ethernet ports for connecting multiple wired devices.



Image 1.1: The Tenda PH5 Powerline Wi-Fi Extender Kit, showing both the powerline adapter and the Wi-Fi extender unit.



Image 1.2: Key features of the Tenda PH5, including Gigabit Ports, Home Plug AV2 technology for 1000 Mbps, and Wi-Fi Clone functionality.

2. What's in the Box

Upon opening your Tenda AV1000 Powerline Wi-Fi Extender KIT (PH5) package, you should find the following components:

- 1 x AV1000 Gigabit Powerline Adapter (PH5-P)
- 1 x AV1000 2-Port Gigabit Wi-Fi Powerline Extender (PH5-W)
- 1 x Quick Installation Guide
- 1 x Cat5e Ethernet Cable



Image 2.1: All components included in the Tenda PH5 package, laid out on a table.

3. Setup

Follow these steps to set up your Tenda PH5 Powerline Wi-Fi Extender Kit:

1. Connect the Powerline Adapter (PH5-P):

Plug the smaller PH5-P powerline adapter directly into a wall electrical outlet near your internet router. Connect one end of the provided Ethernet cable to the PH5-P's Ethernet port and the other end to an available LAN port on your router.

2. Connect the Wi-Fi Powerline Extender (PH5-W):

Plug the larger PH5-W Wi-Fi powerline extender directly into a wall electrical outlet in the room where you need extended Wi-Fi coverage. Ensure it is not plugged into a power strip or surge protector, as this can degrade performance.

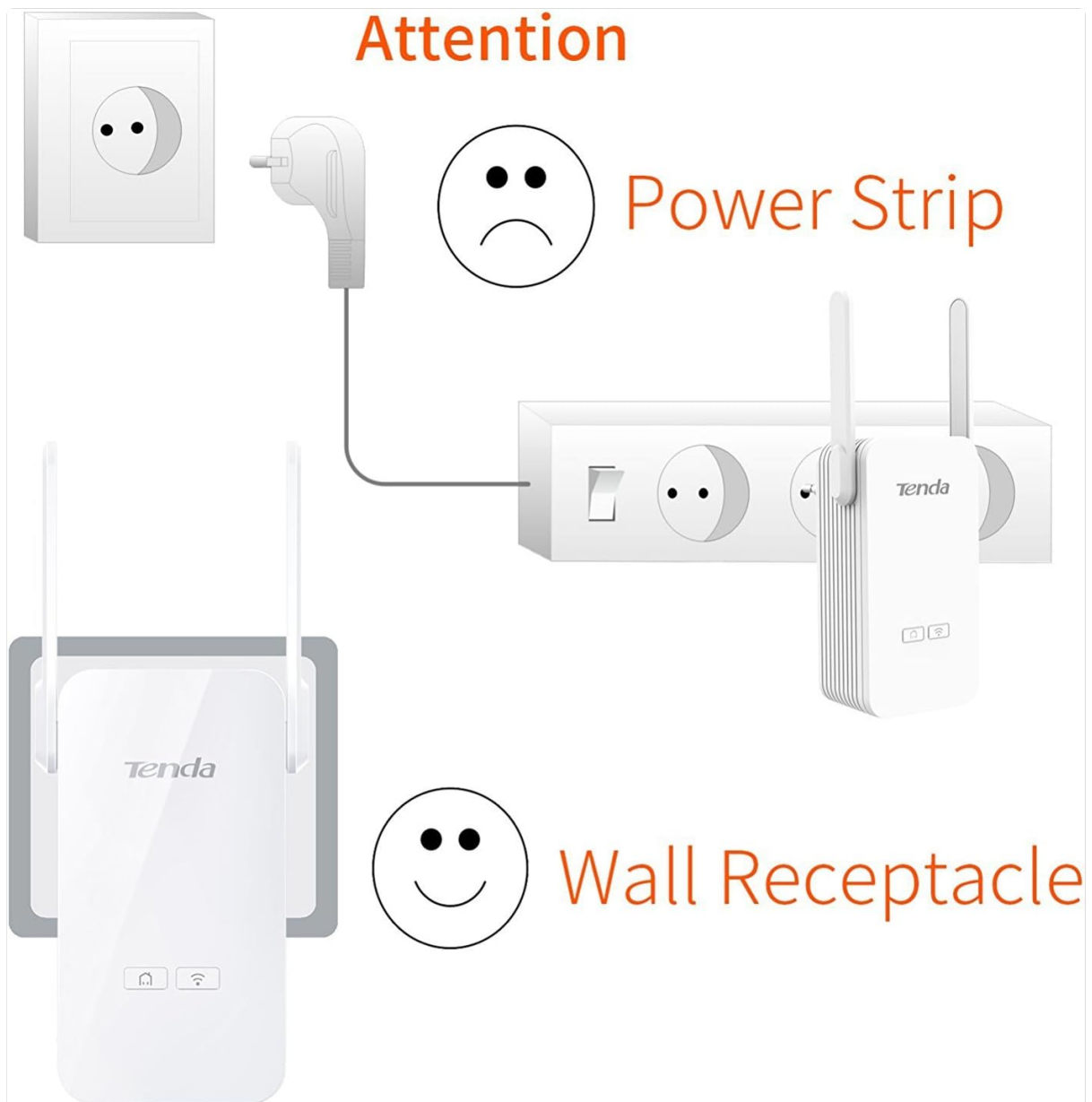


Image 3.1: Always plug powerline adapters directly into a wall receptacle for optimal performance. Avoid power strips.

3. Pairing the Devices:

The devices should automatically pair. The Powerline LED on both units should turn solid green, indicating a successful connection. If not, press the Pair button on the PH5-P for 1 second, then within 2 minutes, press the Pair button on the PH5-W for 1 second.

4. Wi-Fi Clone Setup (Optional but Recommended):

To extend your existing Wi-Fi network with the same name and password, use the Wi-Fi Clone function:

- Press the WPS/Wi-Fi button on your main router.
- Within 2 minutes, press the Wi-Fi button on the PH5-W unit.
- The Wi-Fi LED on the PH5-W will flash rapidly and then turn solid, indicating successful cloning. Your PH5-W will now broadcast your router's Wi-Fi name and password.

Wi-Fi Clone, Easy to use!



Image 3.2: The simple three-step process for using the Wi-Fi Clone function to extend your existing Wi-Fi network.

PH5 Plug and play, easy networking

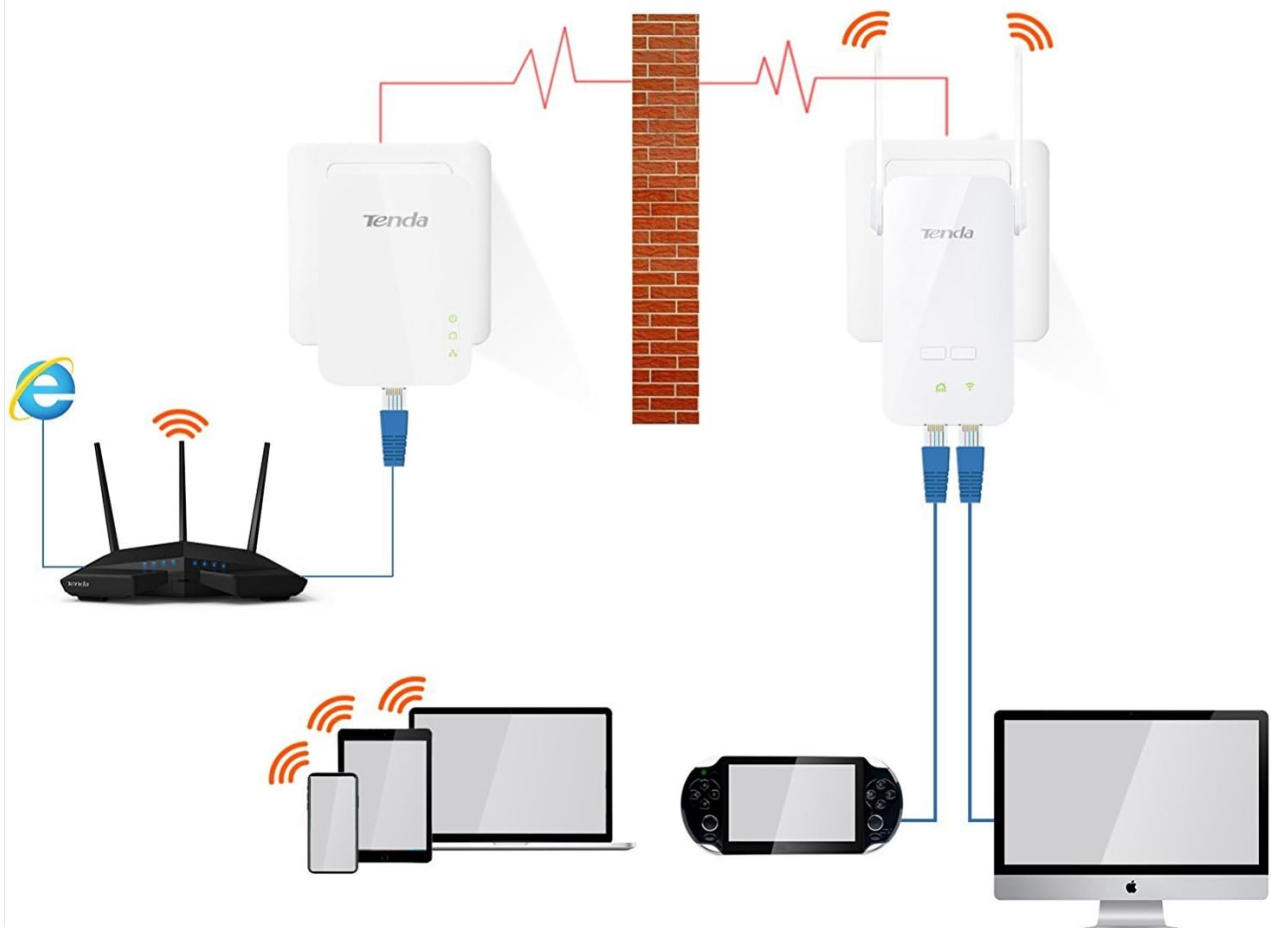
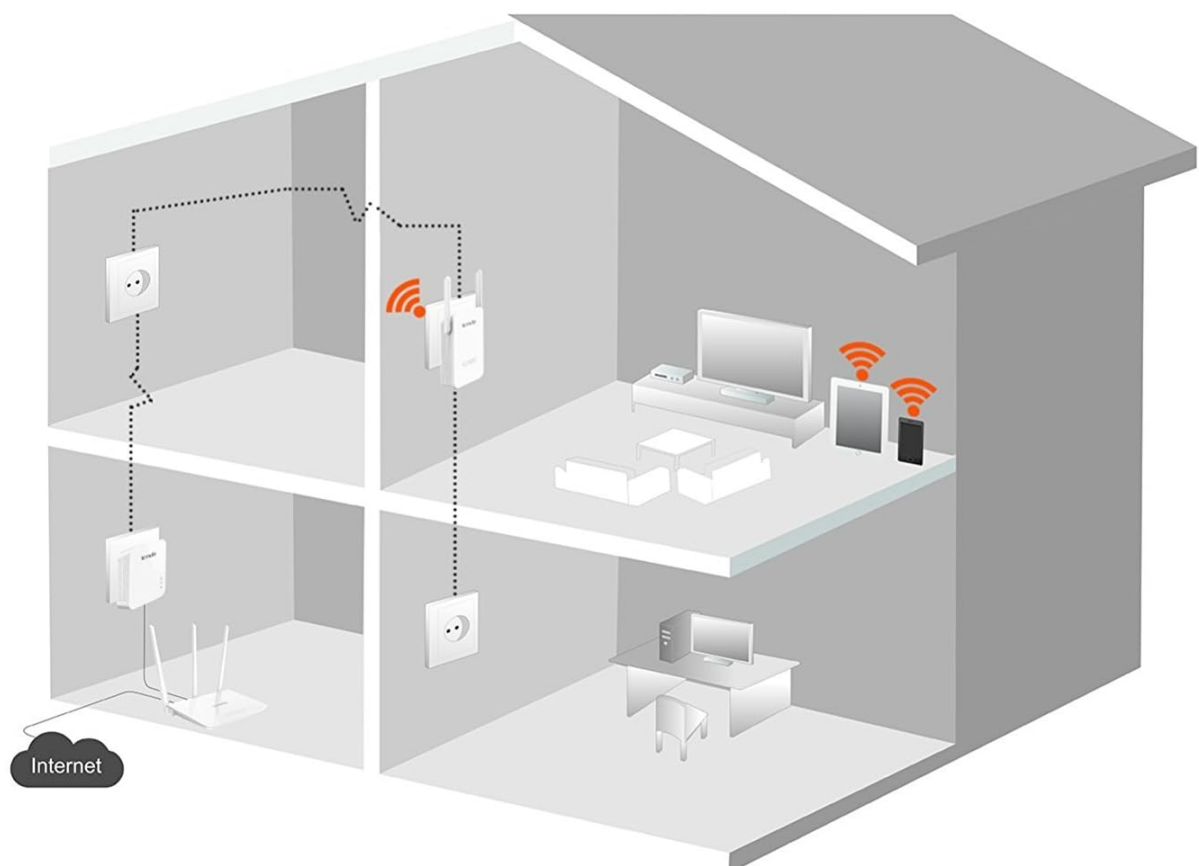


Image 3.3: Illustration of the PH5 plug-and-play setup, connecting to a router and providing network access to various devices.

Powerline
Ethernet Cable ———



4. Operating the Device

Once set up, your Tenda PH5 kit operates automatically. The PH5-P adapter converts your internet signal into a powerline signal, which is then transmitted through your home's electrical wiring. The PH5-W extender receives this signal and converts it back into a network signal, broadcasting both wired and wireless connectivity.

- **Wired Connections:** Use the two Gigabit Ethernet ports on the PH5-W to connect devices like smart TVs, gaming consoles, PCs, or network-attached storage (NAS) for stable, high-speed wired connections.
- **Wireless Connections:** Devices like smartphones, tablets, and laptops can connect to the Wi-Fi network broadcast by the PH5-W. If you used the Wi-Fi Clone function, your devices will seamlessly connect to the extended network using your existing Wi-Fi credentials.



Image 4.1: The PH5-W unit providing wired internet connectivity to a smart TV and a gaming console for enhanced entertainment.

5. Maintenance

To ensure the longevity and optimal performance of your Tenda PH5 Powerline Wi-Fi Extender Kit, consider the following maintenance tips:

- **Keep Clean:** Periodically wipe the devices with a soft, dry cloth to remove dust. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the ventilation holes on the devices are not blocked. Adequate airflow prevents overheating.
- **Direct Plug-in:** Always plug the units directly into a wall outlet. Avoid power strips, extension cords, or surge protectors, as they can interfere with powerline signal quality.
- **Firmware Updates:** Check the official Tenda website periodically for any available firmware updates. Updating firmware can improve performance and add new features.

6. Troubleshooting

If you encounter issues with your Tenda PH5 kit, try the following troubleshooting steps:

Problem	Possible Solution
No Powerline Connection (LED off/red)	• Ensure both units are plugged directly into wall outlets, not power strips. • Verify both units are powered on. • Press the Pair button on both units within 2 minutes to re-establish connection. • Try different wall outlets.
Slow Internet Speed	• Ensure units are plugged directly into wall outlets. • Avoid outlets on different electrical phases if possible. • Check for electrical interference from other high-power appliances. • Test internet speed directly from your router to compare.
Wi-Fi Not Broadcasting or Incorrect Name/Password	• Perform the Wi-Fi Clone function again (refer to Section 3). • Ensure the PH5-W is successfully paired with the PH5-P (Powerline LED solid green). • If not using Wi-Fi Clone, check the default Wi-Fi name and password on the device label.

Problem	Possible Solution
Cannot Access Web Management Interface	• Ensure your computer is connected to the PH5-W via Ethernet or Wi-Fi. • Verify you are typing the correct address (e.g., plc.tendawifi.com or default IP address). • Temporarily disable any firewall or antivirus software on your computer.

7. Specifications

Feature	Detail
Model Number	PH5
Wireless Type	802.11n, 802.11b, 802.11g
Powerline Speed	Up to 1000Mbps
Wi-Fi Speed	Up to 300Mbps
Ethernet Ports	2 x Gigabit Ethernet Ports (on PH5-W)
Dimensions (LxWxH)	3.2 x 2.4 x 1.3 inches
Item Weight	1.06 pounds
Compatible Devices	Laptop, Desktop, Gaming Consoles, Smart TVs
Data Link Protocol	Gigabit Ethernet
HomePlug Standard	HomePlug AV2

8. Warranty and Support

For warranty information and technical support, please refer to the official Tenda website or the contact details provided in your product packaging. Tenda is committed to providing high-quality products and comprehensive user experience.

- **Official User Guides:** Additional user guides and installation manuals can often be found on the Tenda support page. For example, a User Guide (PDF) is available [here](#) and an Installation Manual (PDF) [here](#).
- **Professional Support:** You can reach Tenda's professional support team via email at

support.us@tenda.cn.

- **Brand Store:** Explore more Tenda products and information at the official Tenda Store on Amazon: [Tenda Store](#).