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› PIX-LINK AC1200 WiFi Range Extender User Manual

PIX-LINK AC1200

PIX-LINK AC1200 WiFi Range Extender User Manual

Model: AC1200 | Brand: PIX-LINK

1. INTRODUCTION

Thank you for choosing the PIX-LINK AC1200 WiFi Range Extender. This device is designed to extend your existing Wi-Fi coverage, eliminate dead zones, and provide a stronger, more reliable wireless connection throughout your home or office. It supports dual-band operation (2.4GHz and 5GHz) and can function as a Wi-Fi Repeater, Access Point (AP), or Router.



Image: Front view of the PIX-LINK AC1200 WiFi Range Extender, showing the brand logo, AC1200 rating, and signal indicator LEDs.

2. PRODUCT FEATURES

- **Dual Band Connectivity:** Supports both 2.4GHz (up to 300Mbps) and 5GHz (up to 867Mbps) for a combined speed of 1200Mbps, ensuring fast and stable connections.
- **Multiple Operating Modes:** Functions as a Wi-Fi Repeater, Access Point (AP), or Wireless Router to suit various networking needs.
- **High Performance with External Antennas:** Equipped with four external antennas for improved signal strength and wider coverage.
- **Ethernet Port:** Includes a Gigabit Ethernet port for wired connections to devices like smart TVs, gaming consoles, or

PCs.

- **WPS Button:** Easy setup with a one-touch WPS button for quick connection to your existing router.
- **Efficient Heat Dissipation:** Designed with airflow vents for effective cooling, enhancing device stability and lifespan.
- **Detachable Plug:** Features a detachable power plug for convenience and portability.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and indicators of your PIX-LINK AC1200 extender.



Image: Detailed view of the PIX-LINK AC1200 WiFi Range Extender, highlighting its key components including 4 external antennas, detachable plug, Ethernet port, WPS button, Reset button, Power Off/On switch, and airflow design.

LED Indicators:

- Power LED: Indicates power status.
- WPS LED: Indicates WPS function status.
- WAN LED: Indicates WAN port activity (Router mode).

- LAN LED: Indicates LAN port activity.
- WiFi LED: Indicates wireless activity.
- Signal LED: Indicates signal strength from the main router.

Buttons:

- WPS Button: For quick setup.
- Reset Button: To restore factory settings.
- Power Off/On: To power the device on or off.

Ports:

- Ethernet Port (WAN/LAN): For wired connections.

4. OPERATING MODES

The PIX-LINK AC1200 supports three main operating modes: AP Mode, Repeater Mode, and Router Mode. Each mode serves a different purpose to optimize your network setup.

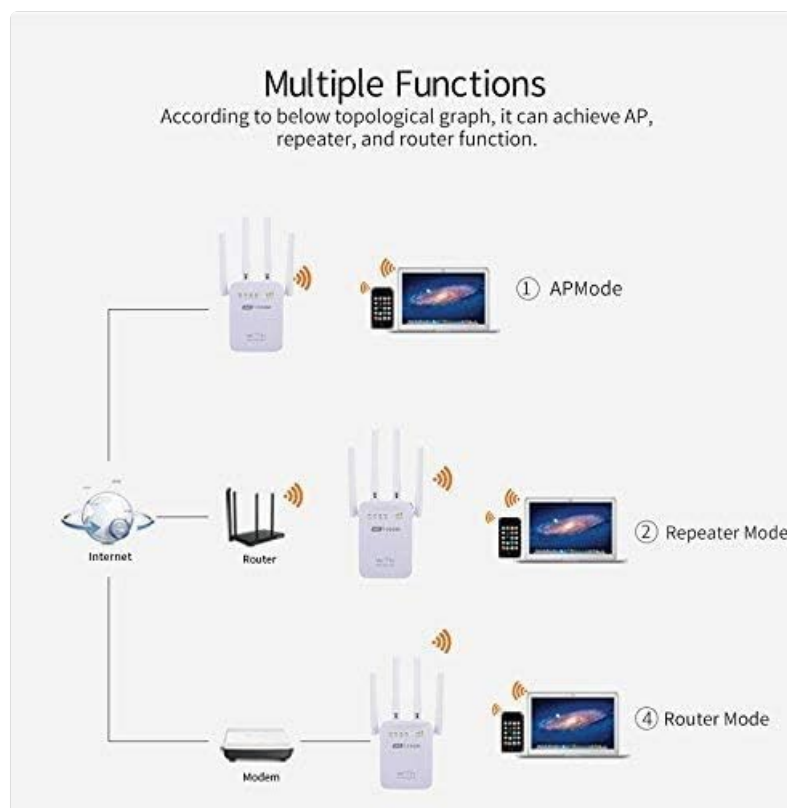


Image: Diagram illustrating the three functional modes of the PIX-LINK AC1200: AP Mode (connecting to internet via router), Repeater Mode (extending existing WiFi), and Router Mode (connecting directly to modem).

4.1. Repeater Mode

In Repeater Mode, the device extends the coverage of an existing wireless network. It receives the wireless signal from your main router and re-transmits it, effectively eliminating Wi-Fi dead zones.

REPEATER

How to work: Receive and extend the primary wifi signals.



Extend the WiFi
throughout your home

with the AC1200 wall-plug extender



- ① Push Power on, and connect it to the Phone.

- ② Select SSID "Wireless-AC_2G" in your WiFi list to connect and enter "mywifi.net" in web browser to open the log in page.



The screenshot shows the 'Operation Mode' configuration window in WinBox. It contains three radio button options: 'Gateway', 'Wireless AP Mode', and 'Wireless Repeater Mode'. The 'Wireless Repeater Mode' option is selected, indicated by a filled blue circle next to its radio button. The 'Gateway' and 'Wireless AP Mode' options are unselected, with empty radio buttons. The 'winbox' logo is visible in the bottom right corner.

- ③ Click "Next" to open the following page to click "Repeater Wizard"

- ④ Select the SSID of your primary network and enter the password of it.
Enter the new name of the extender to complete setting.
Note: If you change the SSID of the extender into the name of your wifi, you will be able to automatically connect the extender vs. your wifi.

Image: Visual guide for setting up the PIX-LINK AC1200 in Repeater Mode, showing steps from powering on to connecting to the primary network via a web interface.

4.2. Access Point (AP) Mode

In AP Mode, the device transforms a wired network connection into a wireless one. It connects to your router via an Ethernet cable and broadcasts a new Wi-Fi network, ideal for areas without wireless coverage.

4.3. Router Mode

In Router Mode, the device acts as a primary router, connecting directly to your modem to create a new private wireless network for all your devices. This is suitable for small offices or homes without an existing router.

5. SETUP INSTRUCTIONS

Follow these steps to set up your PIX-LINK AC1200 in your desired operating mode.

5.1. General Setup Steps (Applicable to all modes)

1. **Power On:** Plug the extender into a power outlet. Wait for the Power LED to light up.
2. **Connect to the Extender:**
 - **Wireless:** On your computer or smartphone, connect to the Wi-Fi network named "Wireless-AC_2G" or "Wireless-AC_5G". No password is required initially.
 - **Wired:** Connect your computer to the extender's Ethernet port using an Ethernet cable.
3. **Access Web Management Page:** Open a web browser (e.g., Chrome, Firefox) and enter **mywifi.net** or **192.168.10.1** in the address bar.
4. **Login:** Enter "admin" for both the username and password when prompted.

5.2. Repeater Mode Setup

5. After logging in, select "Repeater Mode" from the operation mode options.
6. The extender will scan for available Wi-Fi networks. Select your primary Wi-Fi network (SSID) from the list.
7. Enter the password for your primary Wi-Fi network.
8. You can choose to keep the same SSID for the extended network or create a new one. It is recommended to use a different name (e.g., "YourNetworkName_EXT") to distinguish it.
9. Click "Apply" or "Save". The extender will restart.
10. Once restarted, connect your devices to the new extended Wi-Fi network.

5.3. Access Point (AP) Mode Setup

5. Connect an Ethernet cable from your main router's LAN port to the extender's Ethernet port.
6. After logging into the web management page, select "AP Mode".
7. Configure the new Wi-Fi network's SSID (name) and password.
8. Click "Apply" or "Save". The extender will restart.
9. Once restarted, your devices can connect to the new Wi-Fi network broadcast by the extender.

5.4. Router Mode Setup

5. Connect an Ethernet cable from your modem to the extender's Ethernet port (acting as WAN).
6. After logging into the web management page, select "Router Mode".
7. Choose your internet connection type (e.g., PPPoE, Dynamic IP, Static IP) and enter the required details provided by your ISP.
8. Configure the new Wi-Fi network's SSID (name) and password.
9. Click "Apply" or "Save". The device will restart and function as your primary router.

6. MAINTENANCE

- **Placement:** For optimal performance, place the extender in a central location between your router and the area with weak Wi-Fi signal. Avoid placing it near large metal objects, concrete walls, or other electronic devices that may cause interference.
- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Heat Dissipation:** Ensure the airflow vents are not blocked to maintain proper cooling and extend the device's lifespan.

Stability

With great heat dissipation design on both sides, which can make sure the extender cooling quickly while it is working, improve its lifespan and the stability of the WiFi.



Image: The PIX-LINK AC1200 extender highlighting its heat dissipation design and the 90-degree adjustable external antennas for improved signal stability.

7. TROUBLESHOOTING

Problem	Possible Solution
Cannot access the web management page (mywifi.net or 192.168.10.1).	• Ensure your device is connected to the extender's Wi-Fi network (Wireless-AC_2G/5G) or via Ethernet. • Try clearing your browser's cache or using a different browser. • Restart the extender and your computer/smartphone. • Verify that your computer's IP settings are set to "Obtain an IP address automatically".

Problem	Possible Solution
No internet access after setup.	• In Repeater Mode, ensure you entered the correct password for your main router's Wi-Fi. • Check the signal strength LED on the extender; if it's weak, try relocating the extender closer to your main router. • In Router Mode, verify your ISP settings (connection type, username/password). • Restart your modem, router (if applicable), and the extender.
Weak or unstable signal from the extender.	• Relocate the extender to a position where it receives a stronger signal from your main router (indicated by the Signal LED). • Adjust the external antennas for better reception. • Minimize interference from other electronic devices (microwaves, cordless phones).
Forgot login password for the web management page.	• Press and hold the Reset button on the extender for about 5-10 seconds until the LEDs flash. This will restore factory default settings (username: admin, password: admin). You will need to reconfigure the extender.

8. SPECIFICATIONS

Feature	Detail
Brand	PIX-LINK
Model	AC1200
Wireless Standard	IEEE 802.11ac/a/b/g/n
Data Transfer Rate	1200 Mbps (867Mbps at 5GHz, 300Mbps at 2.4GHz)
Frequency Band	Dual-Band (2.4GHz & 5GHz)
Antennas	4 x External Antennas
Ports	1 x 10/100Mbps Ethernet Port (WAN/LAN)
Security	WPA-PSK/WPA2-PSK encryption
Operating Modes	Repeater, AP, Router
Special Features	Dual Band, Access Point Mode, Detachable Plug, Airflow Design

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official PIX-LINK website. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question