

PIX-LINK LV-AC05

PIX-LINK AC1200 Dual Band WiFi Repeater/Router/Access Point User Manual

Model: LV-AC05

INTRODUCTION

Thank you for choosing the PIX-LINK AC1200 Dual Band WiFi Repeater/Router/Access Point. This device is designed to extend and strengthen your wireless signal, eliminate dead zones, and provide reliable Wi-Fi coverage throughout your home or office. With support for dual-band 2.4 GHz and 5 GHz WiFi and speeds up to 1200Mbps, it offers versatile functionality including Repeater, Router, AP, Client, and WISP operating modes.

SAFETY INFORMATION

- Ensure the device is placed in a well-ventilated area to prevent overheating.
- Do not expose the device to water or excessive humidity.
- Use only the power adapter supplied with the device.
- Keep the device away from direct sunlight and heat sources.
- Do not attempt to open or repair the device yourself. Contact qualified personnel for service.

PRODUCT OVERVIEW

The PIX-LINK AC1200 features a compact design with four external antennas for enhanced signal coverage. It includes an Ethernet port for wired connections and a WPS button for easy, secure setup.



Image: Front view of the PIX-LINK AC1200 Dual Band WiFi Repeater, showing the PIX-LINK logo, AC1200M branding, Wi-Fi MINI ROUTER text, signal indicator lights, and four external antennas. The device is white with a power plug on the side.



Image: Diagram highlighting key features of the PIX-LINK AC1200, including the four external antennas, power plug, ventilation holes, and Ethernet ports.

Components:

- **Power Plug:** For connecting to an electrical outlet.
- **Ethernet Port:** Allows wired connection to devices like PCs, gaming consoles, or smart TVs.
- **WPS Button:** For quick and secure wireless connection setup.
- **Reset Button:** Used to restore the device to factory default settings.
- **LED Indicators:** Display power status, Wi-Fi signal strength, and connection activity.
- **External Antennas:** Four adjustable antennas for optimal signal reception and transmission.

SETUP

The PIX-LINK AC1200 supports multiple operating modes to suit various networking needs.

Initial Setup Steps (General):

1. **Power On:** Plug the device into an electrical outlet. Wait for the power LED to stabilize.
2. **Connect:** On your computer or mobile device, connect to the Wi-Fi network broadcast by the PIX-LINK device (e.g., "PIX-LINK_XXXX"). No password is required for the initial connection.
3. **Access Web Interface:** Open a web browser and enter the default IP address (usually 192.168.1.254 or 192.168.1.1) or the default domain name (e.g., "wifi.repeater"). Refer to the label on the device for exact details.
4. **Login:** Enter the default username and password (usually "admin" for both).
5. **Select Mode:** Follow the on-screen wizard to select your desired operating mode.

1. Repeater Mode (Range Extender)

This mode extends the coverage of an existing wireless network.

1. After logging into the web interface, select "Repeater Mode".
2. The device will scan for available Wi-Fi networks. Select the network you wish to extend.
3. Enter the password for the selected network.
4. You can choose to keep the same SSID (network name) or create a new one for the extended network.
5. Click "Apply" or "Save". The device will restart.
6. Once restarted, connect your devices to the extended Wi-Fi network.

2. Router Mode

In this mode, the device acts as a primary router, creating a new private network.

1. Connect the device's WAN/LAN port to your modem using an Ethernet cable.
2. In the web interface, select "Router Mode".
3. Configure your WAN connection type (e.g., DHCP, Static IP, PPPoE) as provided by your ISP.
4. Set up your new Wi-Fi network name (SSID) and password.
5. Click "Apply" or "Save". The device will restart.

3. Access Point (AP) Mode

This mode converts a wired network connection into a wireless one.

1. Connect the device's Ethernet port to your existing wired router/network switch.

2. In the web interface, select "AP Mode".
3. Configure your desired Wi-Fi network name (SSID) and password.
4. Click "Apply" or "Save". The device will restart.

4. WPS Function

WPS (Wi-Fi Protected Setup) allows for a quick and secure connection without manually entering passwords.

1. Press the WPS button on your main router.
2. Within two minutes, press the WPS button on the PIX-LINK AC1200.
3. The devices will automatically establish a secure connection. The signal LED on the PIX-LINK device will indicate a successful connection.

OPERATING

Once configured, the PIX-LINK AC1200 operates automatically. Ensure it is placed in an optimal location for signal coverage, ideally midway between your main router and the area with weak signal.

- **Signal Indicators:** Monitor the LED indicators on the device to ensure a strong and stable connection.
- **Wired Connections:** Use the Ethernet port to connect wired devices for stable network access.
- **Dual Band:** The device supports both 2.4GHz and 5GHz bands. For higher speeds and less interference, connect compatible devices to the 5GHz band. For wider coverage and better penetration through walls, use the 2.4GHz band.

MAINTENANCE

- **Firmware Updates:** Periodically check the PIX-LINK official website for firmware updates to ensure optimal performance and security.
- **Cleaning:** Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the ventilation holes are not blocked to prevent overheating.
- **Restart:** If you experience performance issues, try restarting the device by unplugging it from the power outlet for 10 seconds and then plugging it back in.

TROUBLESHOOTING

- **Cannot access web management page:**
 - Ensure your device is connected to the PIX-LINK network.
 - Verify the IP address or domain name entered in the browser is correct.
 - Try clearing your browser's cache or using a different browser.
 - Temporarily disable any firewall or antivirus software.
- **No internet access after setup:**
 - In Repeater mode, ensure the password for the host network is correct.
 - Check the connection between the PIX-LINK device and your main router/modem.
 - Verify your main router has internet access.

- Try restarting both the PIX-LINK device and your main router.

- **Weak signal or frequent disconnections:**

- Relocate the PIX-LINK device closer to your main router, ideally in a central location.
- Adjust the external antennas for optimal signal reception.
- Check for sources of interference (e.g., microwaves, cordless phones).

- **Forgot login password:**

- Perform a factory reset by pressing and holding the Reset button for 5-10 seconds until the LEDs flash. Note: This will erase all configurations.

SPECIFICATIONS

Brand	PIX-LINK
Model Number	LV-AC05
Wireless Communication Standard	802.11ac
Data Transfer Rate	1200 Megabits per Second
Frequency Band Class	Dualband (2.4 GHz / 5 GHz)
Special Features	Universal Repeater, Wireless AP / Router, Four external antennas, Dual-Band, WPS Function, Ethernet Port, Multi-function
Color	Black
Item Weight	200 g
Processor Speed	300 MHz

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official PIX-LINK website. You can also contact customer service through the retailer where you purchased the device.

Online Resources:

- [PIX-LINK Official Website](#)

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