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INEAUTO AX3001

INEAUTO AX3000 WiFi 6 Extender User Manual

Model: AX3001 | Brand: INEAUTO

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your INEAUTO AX3000 WiFi 6 Extender. This device is designed to extend wireless network coverage in outdoor environments, offering high-speed and stable connectivity. Please read this manual thoroughly before use to ensure proper setup and optimal performance.

2. SAFETY INFORMATION

To prevent damage to the device or injury to yourself or others, please observe the following safety precautions:

- Ensure the power source matches the device's requirements.
- Do not open or attempt to repair the device. Refer all servicing to qualified personnel.
- Keep the device away from excessive heat, humidity, and direct sunlight.
- The PoE converter is not waterproof and must be installed indoors.
- Ensure proper grounding and lightning protection during outdoor installation.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x AX3000 WiFi 6 Extender
- 1 x PoE Power Adapter
- 1 x Ethernet Cable
- Mounting Accessories (Cable ties, metal strap, screws, wall plugs)
- Quick User Guide



Image: Contents included in the product package, showing the extender, PoE adapter, Ethernet cable, and mounting hardware.

4. PRODUCT OVERVIEW

4.1. Device Features

- **Ultra-Fast WiFi 6 Technology:** Dual-band support (5GHz/2400Mbps & 2.4GHz/600Mbps) for smooth HD streaming, gaming, and browsing.
- **Gigabit Ethernet Ports:** Two Gigabit Ethernet ports, one supporting up to 2.5Gbps for faster wired connections.
- **All-Weather Durability:** IP67 waterproof housing and lightning protection for reliable performance in extreme outdoor conditions.
- **Powerful Coverage:** Equipped with 6 high gain 8dBi antennas and dual PA/LNA amplifiers for extended signal coverage up to 300 meters.
- **Flexible Passive PoE Installation:** Power and data via a single Ethernet cable, ideal for hard-to-reach outdoor areas. (Note: PoE converter is not waterproof).

- **Versatile Modes:** Supports AP, router, and repeater modes to adapt to various network scenarios.
- **Enhanced Security:** WPA/WPA3 and WPA-PSK/WPA3-PSK protocols for network security.



Image: The INEAUTO AX3000 WiFi 6 Extender mounted on a pole in an outdoor backyard setting.

Outdoor WiFi 6 Extender

IP65 Waterproof & lightning protection, Engineered for Extreme Outdoor Conditions



Image: Depiction of the outdoor WiFi 6 extender's IP67 weatherproof and lightning protection, showing its resilience to rain, snow, thunder, wind, sun, and frost.

WiFi 6 - Dual-Band Concurrent

40% Speed Boost, Enjoy HD Video, Music, and Gaming, Say Goodbye to Lag!



Image: Illustration of the WiFi 6 dual-band concurrent feature, highlighting 2.4GHz (572Mbps) and 5GHz (2402Mbps) speeds for HD video, music, and gaming.

6 High-Gain 8dBi Antennas, Dual Signal Amplifiers

Fill Your Entire Yard with WiFi Coverage!



Image: The extender shown with its six 8dBi high-gain antennas, illustrating its 300-meter signal coverage for large outdoor spaces.

4.2. Device Dimensions



Image: Detailed dimensions of the AX3000 WiFi 6 Extender (20cm/7.9in x 14cm/5.5in x 6.7cm/2.6in), its antennas (25.8cm/10.2in), Ethernet cable (100cm/39.4in), and PoE adapter (8.4cm/3.3in x 4.7cm/1.9in x 3.7cm/1.5in).

5. SETUP

5.1. Initial Setup Steps

- 1. Power On the Extender:** Plug the WiFi extender into a power outlet near your router. Wait until the LED indicator turns solid. Note: The cable must be connected to the PoE port.

PoE Power Supply - Say Goodbye to Power Hassles, One Cable Does It All!

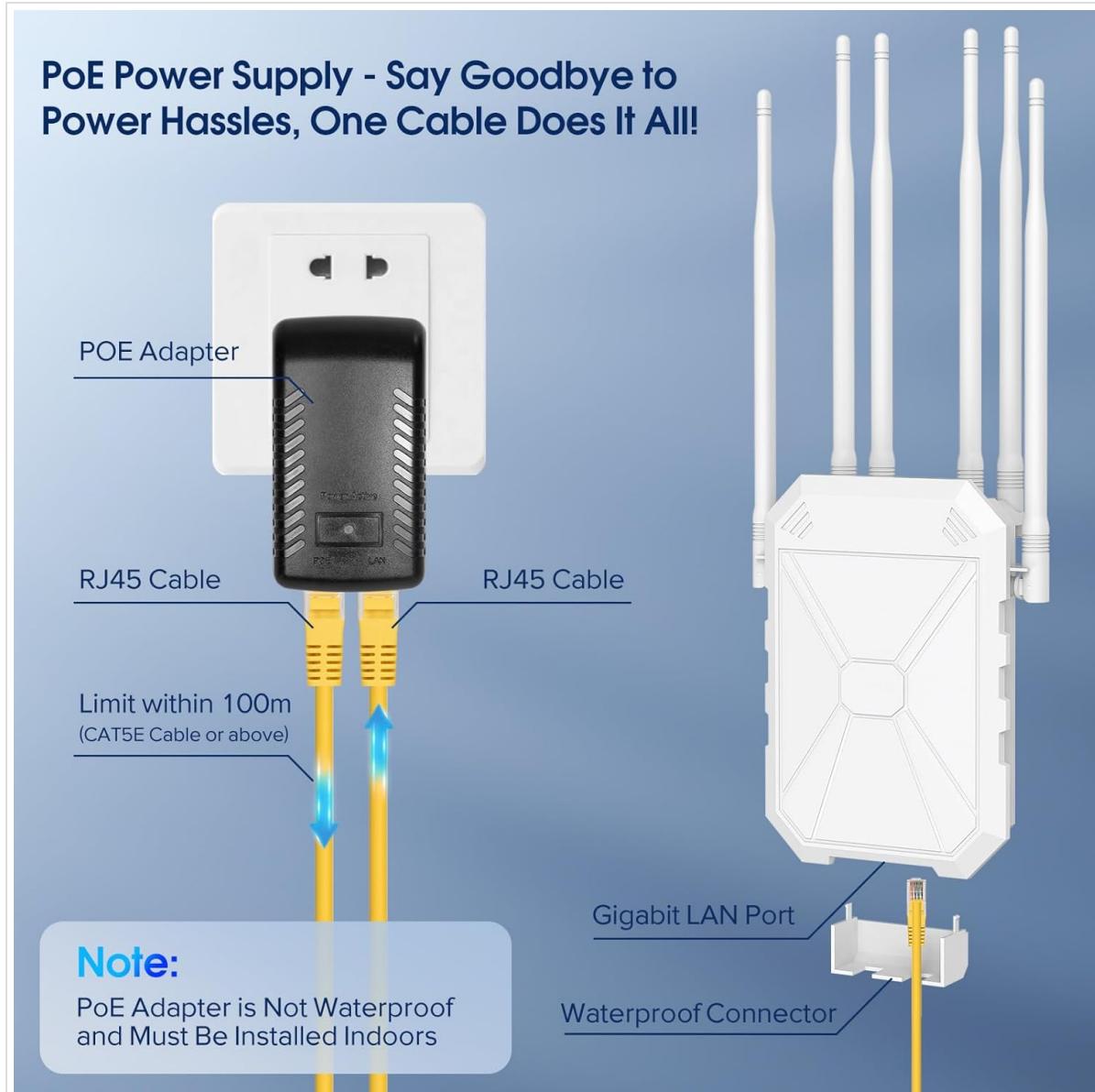


Image: Diagram showing the PoE adapter connecting to a power outlet, then via RJ45 cables to the Gigabit LAN port of the extender. A note indicates the PoE adapter is not waterproof and must be indoors.

2. **Connect to Repeater WiFi:** Connect to the WiFi "Repeater_XXX" on your smartphone. Note: If you can't find the SSID name of the Repeater WiFi, turn on Airplane Mode, then turn it off to refresh available networks.
3. **Access Setup Page:** Once connected, your phone will automatically jump to the extender's login page.
4. **Choose Setup Mode:** Select your preferred connection mode (Repeater, AP, or Router), then tap "NEXT" to proceed.
5. **Connect to Your Router:** Select your router's 5GHz WiFi network from the list, enter the correct password, then tap "NEXT". Note: Under repeater mode, the password of the extender remains the same as your router's.
6. **Complete Setup:** Click the "Finish" button to complete the settings. Setup is complete, reconnect to the network after 30 seconds. Please check the signal indicator status of the extender when using it.

5.2. Antenna Orientation

Proper antenna orientation is crucial for optimal signal strength and coverage. Follow these steps:

1. Place the device as shown. Lift the two side antennas by 45°, and the four center antennas by 45° as well.
2. Flip the two side antennas upward 180°. Then rotate each of the four center antennas 180° clockwise or

counterclockwise as indicated.

3. Pull all antennas straight upward and snap them into the slots securely.

4. Done.

Video: A step-by-step guide on setting up the INEAUTO AX3000 WiFi 6 Extender, including power connection, connecting to the repeater WiFi, accessing the setup page, choosing the setup mode, connecting to your router, and completing the setup. This video also demonstrates how to properly locate and adjust the antennas for optimal performance.

6. OPERATING MODES

The INEAUTO AX3000 WiFi 6 Extender supports multiple operating modes to suit various networking needs:

- **AP (Access Point) Mode:** Converts a wired network connection into a wireless one, ideal for creating a new WiFi hotspot.
- **Router Mode:** Functions as a primary router, providing internet access to connected devices.
- **Repeater Mode:** Extends the range of an existing wireless network, eliminating dead zones.

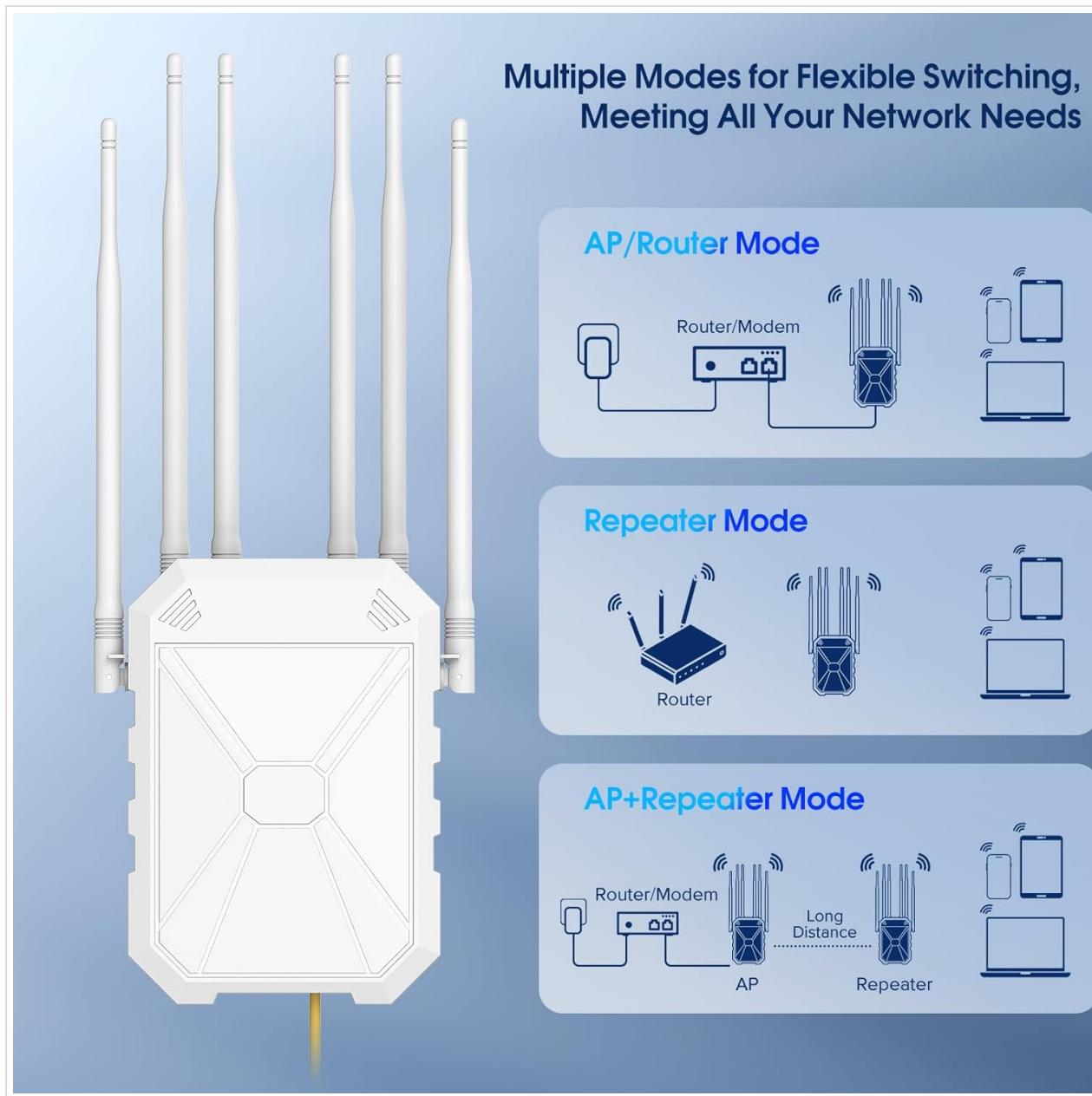


Image: Visual representation of the different operating modes: AP/Router Mode, Repeater Mode, and AP+Repeater Mode, illustrating how the extender integrates into various network setups.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your extender:

- **Cleaning:** Periodically wipe the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Check the manufacturer's website for the latest firmware updates to ensure security and performance improvements.
- **Environmental Conditions:** Ensure the device is installed in an environment within its specified operating temperature range (-30°C to 70°C).
- **Cable Inspection:** Regularly inspect Ethernet cables for any signs of wear or damage, especially those exposed to outdoor elements.

8. TROUBLESHOOTING

If you encounter issues with your INEAUTO AX3000 WiFi 6 Extender, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/LEDs off	Power adapter not connected or faulty.	Ensure the power adapter is securely plugged into the extender and a working power outlet. Check the power outlet with another device.
Cannot find Repeater_XXX SSID	Network list not refreshed.	Turn on Airplane Mode on your smartphone, then turn it off to refresh available networks.
Poor signal strength after setup	Improper antenna orientation or placement.	Adjust the antennas as described in Section 5.2. Relocate the extender to a more central position or higher elevation for better line-of-sight.
Slow internet speed	Interference, network congestion, or incorrect mode.	Ensure the extender is not too far from the main router. Check for sources of interference. Verify the extender is in the correct operating mode for your needs.
Cannot access setup page	Not properly connected to the extender's WiFi.	Ensure your device is connected to the Repeater_XXX network. Try clearing your browser cache or using a different browser.

8.1. How to Reset Your Extender

If the extender is not functioning correctly or you wish to revert to factory settings, you can perform a hard reset:

1. Plug the extender into a power outlet and wait for about 30 seconds until it fully boots.
2. With the extender powered on, use a paperclip or a thin object to press and hold the Reset Button for 10 seconds. The LED indicator will flash rapidly.

3. Release the button. The extender will restart with factory default settings.

9. SPECIFICATIONS

Feature	Detail
Brand	INEAUTO
Model Number	AX3001
Wireless Communication Standard	5 GHz Radio Frequency, 802.11a/b/g/n/ac, 802.11ax, 2.4 GHz Radio Frequency
Data Transfer Rate	3000 Megabytes Per Second
Frequency Band Class	Dual-Band
Special Features	Weatherproof, Access Point Mode, MU-MIMO, Power Over Internet, Directional Antenna
Item Weight	2.27 pounds
Package Dimensions	14.17 x 9.02 x 3.58 inches

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official INEAUTO website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Online Resources:

- Official INEAUTO Website: [Visit INEAUTO Store](#)
- User Manual (PDF): [Download PDF Manual](#)