

BrosTrend A3

BrosTrend AX3000 WiFi 6 Access Point User Manual

MODEL: A3

1. Introduction

This manual provides comprehensive instructions for setting up, operating, and maintaining your BrosTrend AX3000 WiFi 6 Access Point (Model A3). This device is designed to transform your wired network into a high-speed WiFi 6 network, offering enhanced connectivity and performance for various devices.

Key features include:

- **High-Speed WiFi 6:** Delivers up to 3000Mbps (2402Mbps on 5GHz and 574Mbps on 2.4GHz) for uninterrupted streaming and gaming.
- **Gigabit Ethernet Port:** Ensures full utilization of your internet service provider's speed.
- **Long-Range Antennas:** Adjustable antennas optimize WiFi coverage in various areas.
- **Beamforming Technology:** Directs WiFi signals towards connected devices for stronger, more reliable connections.
- **Wall-Plug Design:** Compact and convenient, designed for easy installation without complex wiring.
- **High Capacity:** Supports up to 45 WiFi devices simultaneously.

2. Package Contents

Please verify that all items are present in your package:

- 1 x BrosTrend AX3000 WiFi 6 Access Point (Model A3)
- 1 x RJ45 Ethernet Cable (5 feet)
- 1 x Quick Installation Guide

3. Product Overview

Familiarize yourself with the physical components of your BrosTrend AX3000 Access Point.



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Figure 3.1: Front view of the BrosTrend AX3000 WiFi 6 Access Point, showing the BrosTrend logo and a blue LED indicator.

- **Power Plug:** Integrated into the device for direct wall outlet connection.
- **Ethernet Port (LAN/WAN):** Located on the side, used for connecting to your router or modem.
- **LED Indicator:** Displays the device's status (e.g., power, connection status).
- **Adjustable Antennas:** Two external antennas for optimizing WiFi signal direction.
- **WPS/Reset Button:** Used for WPS setup or factory reset.

4. Setup Instructions

Follow these steps to set up your BrosTrend AX3000 WiFi 6 Access Point.

4.1 Access Point Mode Setup

1. **Power On:** Plug the BrosTrend AX3000 Access Point directly into a standard wall outlet. Wait for the LED indicator to stabilize.



Figure 4.1: The access point plugged into a wall socket, ready for Ethernet connection.

2. **Connect Ethernet Cable:** Connect one end of the provided RJ45 Ethernet cable to a LAN port on your existing router or modem, and the other end to the Ethernet port on the BrosTrend AX3000 Access Point.



Figure 4.2: Connecting the Ethernet cable to the access point's Gigabit port.

3. **Connect to the Access Point's WiFi:** On your computer or smartphone, search for available WiFi networks. Connect to the default Brostrend network (SSID usually printed on the device or Quick Installation Guide).
4. **Access Web Interface:** Open a web browser and enter the default IP address or domain name (e.g., brostrendwifi.com) as specified in the Quick Installation Guide. Log in using the default credentials.

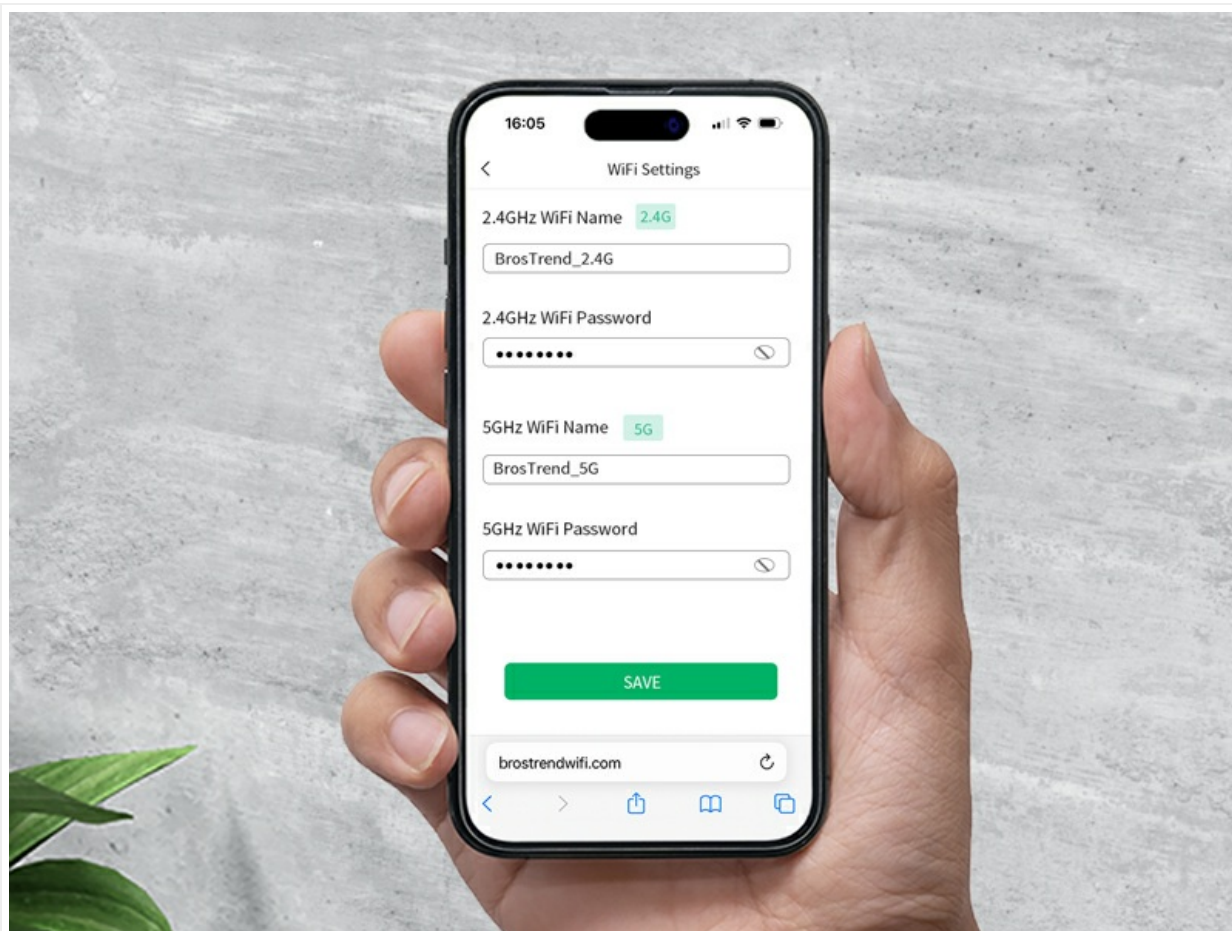


Figure 4.3: Configuring WiFi settings via a smartphone web interface.

5. **Configure Settings:** Follow the on-screen instructions to set up your new WiFi network name (SSID) and password for both 2.4GHz and 5GHz bands. Save your settings.
6. **Reconnect:** Disconnect from the default BrosTrend network and connect to your newly configured WiFi network using the new password.

4.2 Repeater/Extender Mode Setup (Optional)

The BrosTrend AX3000 can also function as a WiFi repeater to extend the range of an existing wireless network. Refer to the detailed instructions in the Quick Installation Guide for this configuration, as it typically involves connecting wirelessly to your main router and then broadcasting an extended signal.

5. Operating the Device

Once configured, the BrosTrend AX3000 operates automatically. Here are some operational considerations:

- **LED Indicator Status:** Observe the LED for operational status. A solid blue light typically indicates a stable connection and proper functioning. Refer to the Quick Installation Guide for specific LED patterns and their meanings.
- **Antenna Adjustment:** For optimal WiFi coverage, adjust the two external antennas. Experiment with different angles to find the best signal strength in your desired areas.

Long-Range Antennas

Adjust its dual 180°-rotatable antennas to maximize your WiFi coverage.

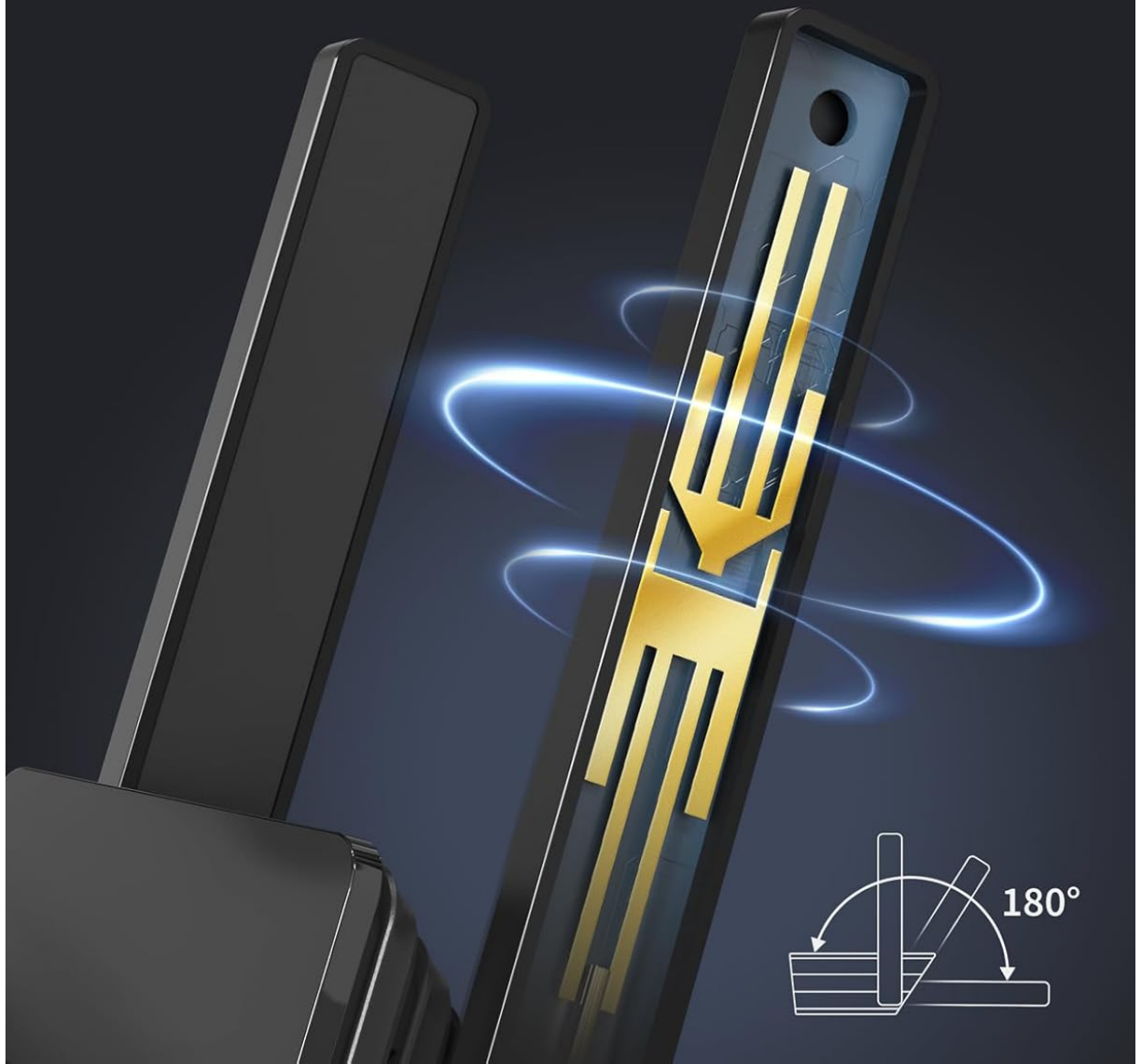


Figure 5.1: The adjustable antennas can be rotated 180 degrees to optimize signal direction.

- **Beamforming Technology:** The device automatically uses Beamforming to focus WiFi signals towards your connected devices, enhancing signal strength and reliability, especially for devices further away.

Stronger WiFi Signals with Beamforming Tech

Concentrate WiFi signals to your WiFi devices, making every connection solid and reliable.

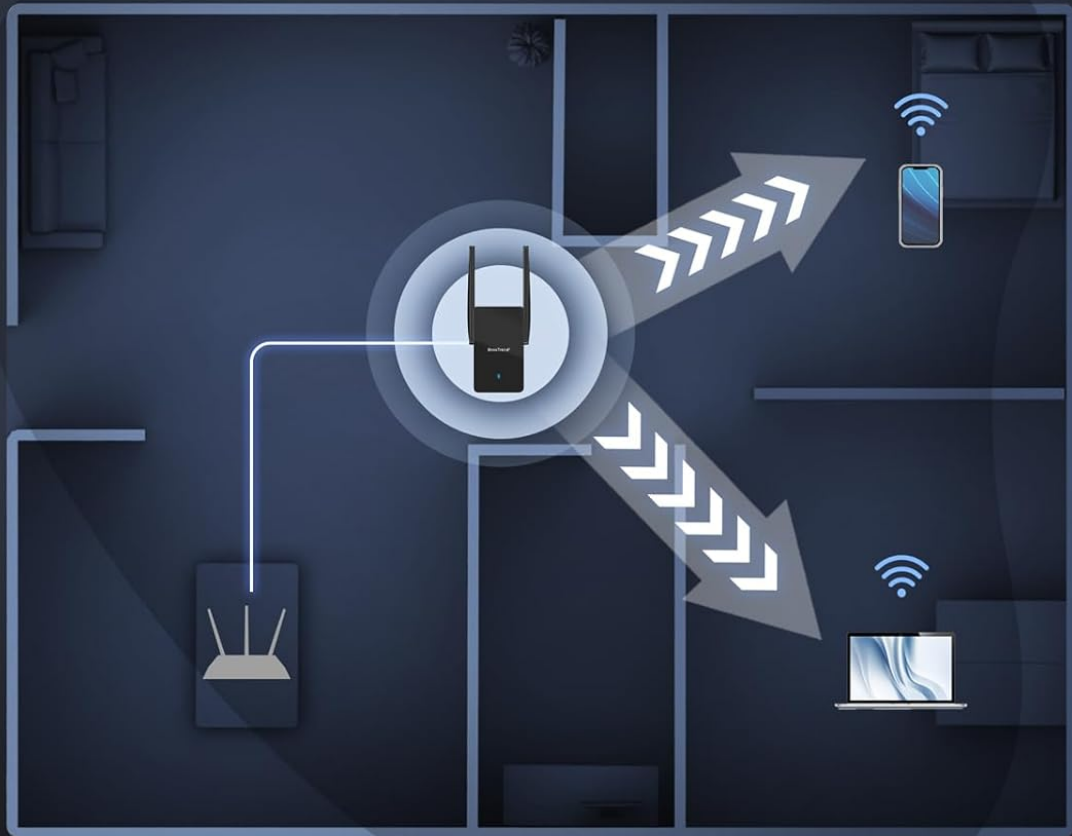


Figure 5.2: Beamforming directs WiFi signals to specific devices for improved connection quality.

- **Power Saving (TWT):** Target Wake Time (TWT) technology allows connected devices to negotiate when they will wake up to send or receive data, extending battery life for your devices and improving power efficiency.

6. Maintenance

To ensure the longevity and optimal performance of your BrosTrend AX3000 Access Point, consider the following maintenance tips:

- **Placement:** Ensure the device is plugged into a well-ventilated area, away from direct sunlight, heat sources, and obstructions that could block WiFi signals.
- **Cleaning:** Periodically wipe the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.

- **Firmware Updates:** Check the BrosTrend official website regularly for firmware updates. Keeping your device's firmware up-to-date can improve performance, add new features, and enhance security.
- **Avoid Overloading:** While the device supports up to 45 devices, excessive simultaneous high-bandwidth activities (e.g., multiple 4K streams) might impact performance.

7. Troubleshooting

If you encounter issues with your BrosTrend AX3000 Access Point, refer to the following common troubleshooting steps:

Problem	Possible Solution
No Power / LED Off	Ensure the access point is securely plugged into a working electrical outlet. Test the outlet with another device.
No Internet Connection	Verify the Ethernet cable is securely connected from your main router/modem to the access point's Ethernet port. Check if your main router/modem has an active internet connection. Try unplugging and replugging the Ethernet cable from the access point. Restart both your main router/modem and the access point.
Cannot Access Web Management Page	Ensure your device is connected to the access point's WiFi network. Verify you are entering the correct IP address or domain name (prostrendwifi.com). Clear your browser's cache and cookies, or try a different browser.
Slow WiFi Speed	Ensure the access point is connected to a Gigabit Ethernet port on your main router. Adjust the antennas for better signal coverage. Reduce interference by moving the access point away from other electronic devices or large metal objects. Check for firmware updates.
5GHz Band Unstable or Not Working	Perform a factory reset and reconfigure the device. Ensure the Ethernet cable is firmly connected and try replugging it. Check for firmware updates, as this can resolve stability issues.
Forgot Admin Password	Perform a factory reset by pressing and holding the WPS/Reset button for approximately 10 seconds until the LED behavior changes. This will revert all settings to factory defaults.

8. Specifications

Feature	Detail
Model Name	AX3000 WiFi 6 Access Point
Item Model Number	A3
Wireless Standard	802.11ax (WiFi 6)
Frequency Band Class	Dual-Band (2.4GHz & 5GHz)

Feature	Detail
Max Wireless Speed	Up to 3000Mbps (574Mbps on 2.4GHz, 2402Mbps on 5GHz)
Ethernet Port	1 x 1 Gigabit RJ45 LAN Port
Antennas	Dual 180-degree rotatable external antennas
Compatible Devices	Supports up to 45 WiFi devices (smartphones, TVs, tablets, computers, game consoles, etc.)
Security	WPA3 encryption
Special Features	Wall-plug design, OFDMA, Beamforming, TWT (Target Wake Time), BSS Color
Product Dimensions	3.5 x 2.6 x 8.39 inches
Item Weight	8.8 ounces
Color	Black

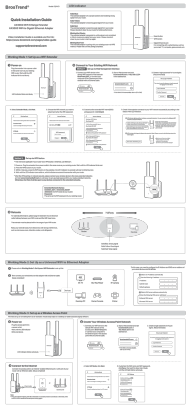
9. Warranty and Support

BrosTrend products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official BrosTrend website.

For technical support, troubleshooting assistance, or any inquiries regarding your BrosTrend AX3000 WiFi 6 Access Point, please contact BrosTrend Customer Support through their official website or the contact information provided in your product packaging.

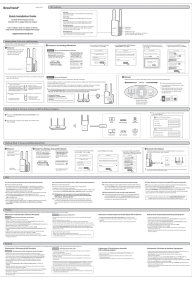
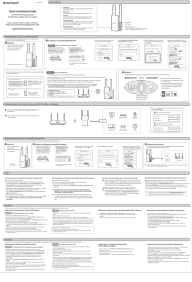
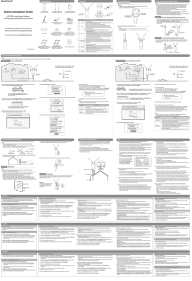
You can also find additional resources, FAQs, and firmware updates on the official BrosTrend support page: www.broxtrend.com/support (example link, please verify actual support URL).

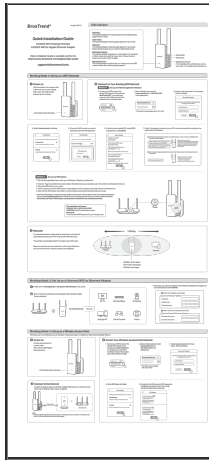
Related Documents - A3



[BrosTrend AX3000 WiFi 6 Range Extender & Ethernet Adapter: Quick Installation Guide](#)

Step-by-step instructions for setting up your BrosTrend AX3000 WiFi 6 Range Extender and Gigabit Ethernet Adapter. Learn how to configure it as a WiFi extender, Ethernet adapter, or access point.

	<p><u>AX3000 WiFi 6 Range Extender & Gigabit Ethernet Adapter Quick Installation Guide</u></p> <p>Quick installation guide for the BrosTrend AX3000 WiFi 6 Range Extender and Gigabit Ethernet Adapter (Model: E3/AX3). Learn how to set up the device as a WiFi extender, WiFi to Ethernet adapter, or Access Point using web interface or WPS.</p>
	<p><u>BrosTrend AX1500 WiFi 6 Range Extender & Ethernet Adapter Quick Installation Guide</u></p> <p>Get step-by-step instructions for setting up your BrosTrend AX1500 WiFi 6 Range Extender and Gigabit Ethernet Adapter. Learn to configure it as an extender, a WiFi-to-Ethernet adapter, or a wireless access point. Includes LED indicators, FAQs, and compliance information.</p>
	<p><u>BrosTrend AC1200 Outdoor WiFi Access Point Quick Installation Guide</u></p> <p>Step-by-step instructions for installing and configuring the BrosTrend AC1200 Outdoor WiFi Access Point. Includes setup, LED indicators, and troubleshooting.</p>
	<p><u>BrosTrend AX1500 WiFi 6 Range Extender & Ethernet Adapter Quick Installation Guide</u></p> <p>A comprehensive guide for setting up and using the BrosTrend AX1500 WiFi 6 range extender and universal WiFi to Ethernet adapter. Learn about different operating modes, setup methods (Web UI and WPS), LED indicator meanings, relocation tips, and troubleshooting FAQs.</p>



[BrosTrend AX3000 WiFi 6 Extender Setup Guide](#)

A comprehensive setup guide for the BrosTrend AX3000 WiFi 6 Extender, covering installation, configuration, and operation as a WiFi extender, Ethernet adapter, and access point.