BrosTrend AX1500

BrosTrend AX1500 WiFi 6 Universal WiFi to Ethernet Adapter User Manual
Model: AX1500

1. INTRODUCTION

The BrosTrend AX1500 WiFi 6 Universal WiFi to Ethernet Adapter is designed to provide a stable and high-speed wired network connection to devices that lack wireless capabilities or require a more reliable connection. This adapter converts a WiFi 6 signal into a Gigabit Ethernet connection, allowing devices such as smart TVs, gaming consoles, desktop PCs, printers, and DVRs to access your wireless network without direct cable runs to your router.

2. PACKAGE CONTENTS

- 1 x BrosTrend AX1500 WiFi to Gigabit Ethernet Adapter
- 1 x Quick Installation Guide
- 1 x Ethernet Cable (5 feet)

3. PRODUCT OVERVIEW

Familiarize yourself with the adapter's components:

Image: BrosTrend AX1500 WiFi 6 Universal WiFi to Ethernet Adapter with antennas extended.

3.1. Ports and Buttons

- **RJ45 Gigabit Ethernet Port:** Connects to your wired device (e.g., PC, TV, game console).
- **WPS Button:** For quick and easy connection to your WiFi router.
- **Reset Button:** Used to restore factory default settings (usually a small pinhole button).

3.2. LED Indicators

- **Power LED:** Indicates the device's power status.
- **WiFi LED:** Shows the status of the wireless connection.
- **LAN LED:** Indicates activity on the Ethernet port.

4. SETUP GUIDE

The BrosTrend AX1500 adapter offers two primary methods for setup: WPS (Wi-Fi Protected Setup) and Web User Interface (Web UI).

4.1. WPS Setup (Recommended for Quick Setup)

WPS allows for a quick connection to your router without entering network passwords manually.

1. **Power On:** Plug the BrosTrend AX1500 adapter into a power outlet near your WiFi router. Wait for the Power LED to become stable.

2. **Activate WPS on Adapter:** Press the WPS button on the BrosTrend AX1500 adapter. The WiFi LED should start blinking.

3. **Activate WPS on Router:** Within two minutes, press the WPS button on your WiFi router. Refer to your router's manual for the exact location of its WPS button.

4. **Connection Confirmation:** The WiFi LED on the adapter will turn solid when a successful connection is established.

5. **Connect Wired Device:** Disconnect the adapter from the power outlet, move it to the desired location, and plug it back in. Use the included Ethernet cable to connect the adapter's RJ45 port to the Ethernet port of your wired device (e.g., Smart TV, PC, Game Console).

Image: Illustration of WPS setup, showing the adapter plugged into a wall outlet and a router on a table, with WPS buttons highlighted.

4.2. Web User Interface (Web UI) Setup

If your router does not support WPS or you prefer manual configuration, use the Web UI method.

1. **Power On:** Plug the BrosTrend AX1500 adapter into a power outlet.

2. **Connect to Adapter's WiFi:** On a computer or smartphone, connect to the adapter's default WiFi network (SSID usually printed on the device label, e.g., "BrosTrend_EXT"). No password is required initially.

3. **Access Web UI:** Open a web browser and enter the default IP address or domain name (e.g., brostrendwifi.com or 192.168.10.1) provided in the Quick Installation Guide.

4. **Login:** Enter the default username and password (usuallyadmin for both, or as specified in the guide).

5. **Select Network:** Follow the on-screen instructions to scan for available WiFi networks. Select your home WiFi network (SSID).

6. **Enter Password:** Enter your home WiFi network's password.

7. **Apply Settings:** Save and apply the settings. The adapter will restart.

8. **Verify Connection:** Once the adapter restarts, the WiFi LED should turn solid, indicating a successful connection to your router.

9. **Connect Wired Device:** Use the Ethernet cable to connect the adapter's RJ45 port to your wired device.
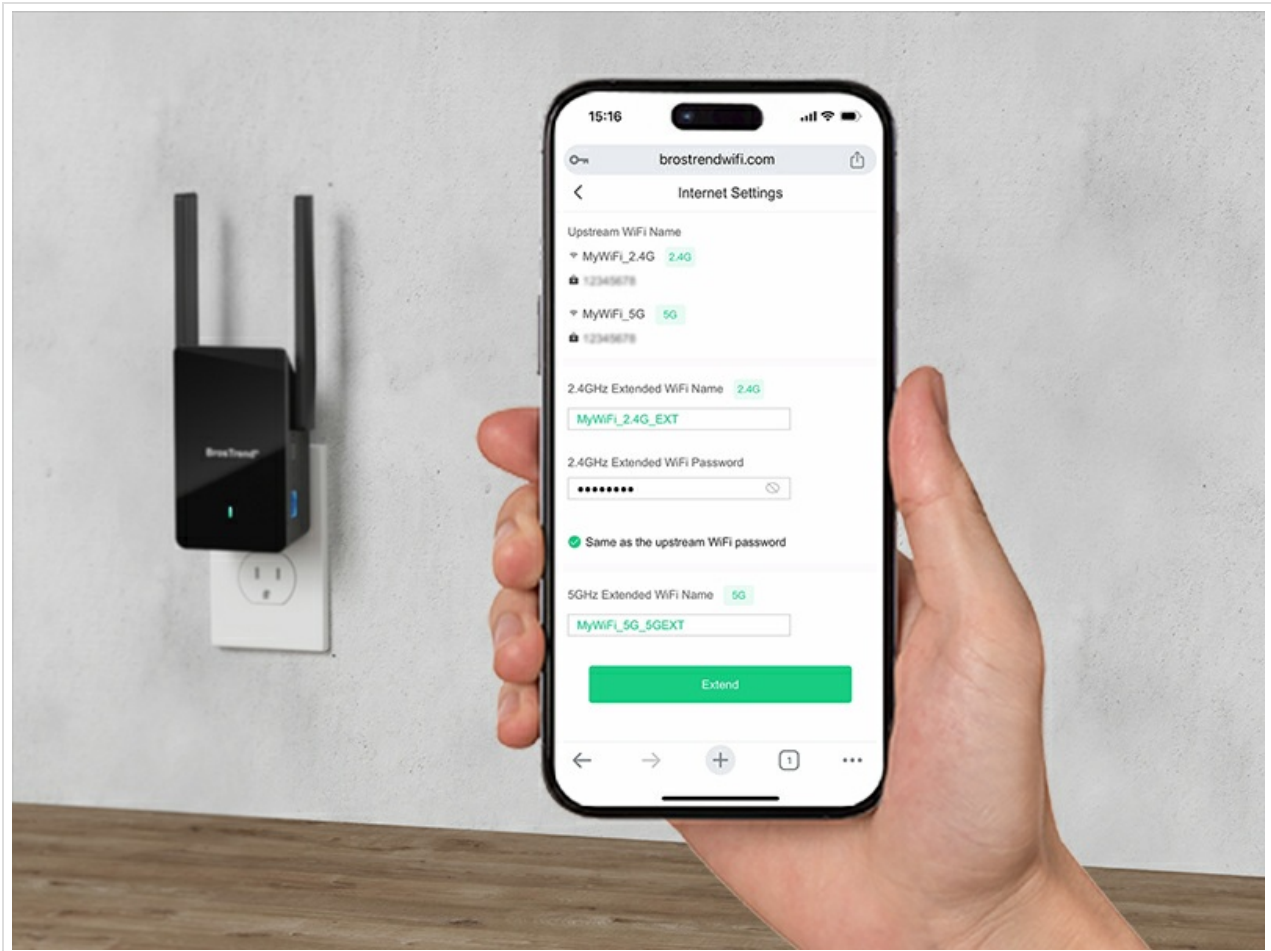
Image: A smartphone displaying the BrosTrend web interface for configuring internet settings, including WiFi network selection and password input.

5. OPERATING INSTRUCTIONS

Once the BrosTrend AX1500 adapter is successfully set up and connected to your WiFi network, it operates automatically.

- **Power On:** Ensure the adapter is plugged into a power outlet.
- **Connect Wired Device:** Connect your wired device (e.g., PC, Smart TV, Game Console) to the adapter's Gigabit Ethernet port using an Ethernet cable.
- **Automatic Connection:** The adapter will automatically establish a connection to your WiFi network and provide internet access to the connected wired device.

Connect Your Wired Device to **WiFi 6**

WiFi Router))) WiFi to Ethernet Adapter — Ethernet Cable — TV Wired Device

Image: The BrosTrend AX1500 adapter plugged into a wall outlet, connected via Ethernet cable to a smart TV, illustrating how it bridges a wired device to a WiFi 6 network.

Image: A graphic showing the BrosTrend AX1500 adapter's compatibility with various wired devices, including TVs, PCs, game consoles, Blu-ray players, printers, Ethernet switches, and security cameras.

6. RECOMMENDATIONS FOR STABLE CONNECTION

To ensure optimal performance and a stable connection:

- **5GHz Band Preference:** Connect the adapter to your router's 5GHz band if possible. The 5GHz band generally experiences less interference than the 2.4GHz band, leading to faster and more stable connections. The AX1500 offers 1201Mbps on 5GHz.
- **Optimal Placement:** Place the adapter in an open area, away from obstructions. Position its antennas

towards the router for better signal reception and transmission.

- **Avoid Interference:** Keep the adapter away from high-power appliances such as microwaves, electric ovens, induction cookers, refrigerators, and similar devices, as these can cause signal interference.
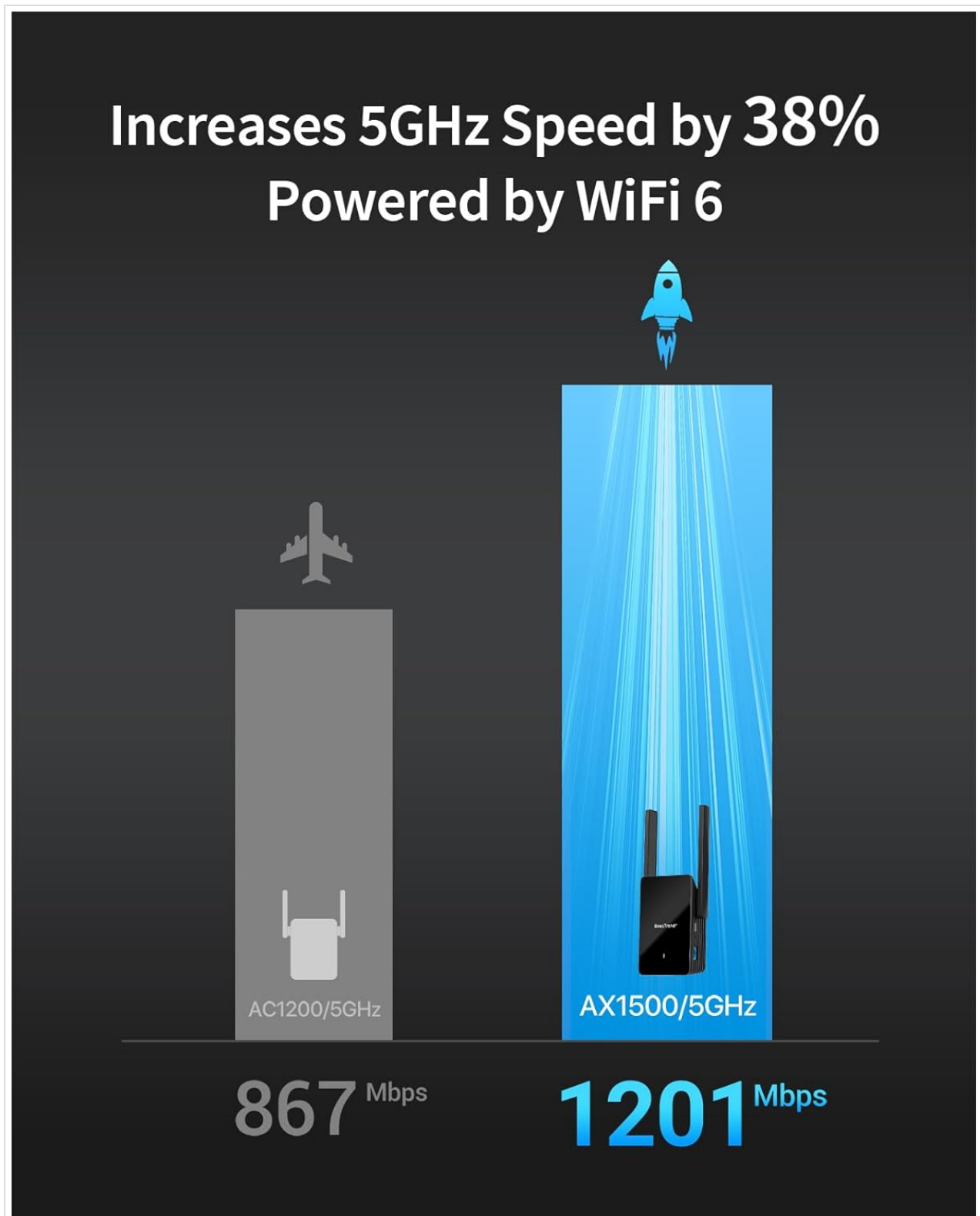

Image: A bar chart comparing 5GHz speeds, showing the AX1500 at 1201 Mbps versus an AC1200 adapter at 867 Mbps, highlighting a 38% performance increase.

7. TROUBLESHOOTING

If you encounter issues with your BrosTrend AX1500 adapter, try the following steps:

- **No Power:** Ensure the adapter is securely plugged into a working power outlet. Check if the Power LED is

on.

- **No WiFi Connection:**

  - Verify that your router is powered on and broadcasting a WiFi signal.
  - If using WPS, ensure you pressed the WPS button on both the adapter and the router within the two-minute window.
  - If using Web UI, double-check the WiFi password entered.
  - Try moving the adapter closer to your router to rule out signal strength issues.
  - Consider separating your router's 2.4GHz and 5GHz SSIDs if you are experiencing connection difficulties, especially with mesh systems.

- **No Internet Access on Wired Device:**

  - Ensure the Ethernet cable is securely connected between the adapter and your wired device.
  - Check the LAN LED on the adapter for activity.
  - Verify that the adapter itself has a stable WiFi connection to your router (solid WiFi LED).
  - Test the Ethernet cable with another device if possible.

- **Slow Speeds:**

  - Ensure the adapter is connected to your router's 5GHz band.
  - Relocate the adapter to an area with better signal strength, away from interference sources.
  - Confirm your router supports WiFi 6 for optimal performance.

- **Factory Reset:** If issues persist, use a paperclip to press and hold the Reset button for 5-10 seconds until the LEDs flash. This will restore the adapter to its factory default settings, and you will need to reconfigure it.

8. SPECIFICATIONS

Model	AX1500 (WiFi to Gigabit Ethernet Adapter)
Brand	BrosTrend
Hardware Interface	Ethernet
Color	Black
Compatible Devices	TVs, Computers, Game Consoles, Network Switches, Printers, VoIP Phones, and more
Product Dimensions	3.5 x 2.6 x 8.4 inches (8.89 x 6.60 x 21.34 cm)
Item Weight	8.1 ounces (230 grams)
Data Link Protocol	Gigabit Ethernet (1Gbps), IEEE 802.11ax/ac/n/a 5GHz, IEEE 802.11/n/g/b 2.4GHz
Data Transfer Rate	Up to 1500 Megabits Per Second (Mbps)
Manufacturer	BrosTrend Technology LLC
First Available	May 5, 2023

9. Maintenance

The BrosTrend AX1500 adapter requires minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block the ventilation holes.
- **Firmware Updates:** Periodically check the BrosTrend official website for any available firmware updates to ensure optimal performance and security.
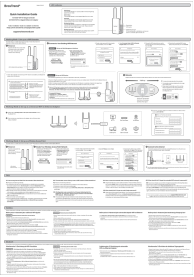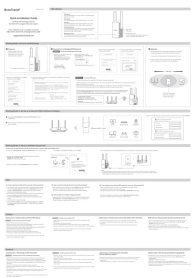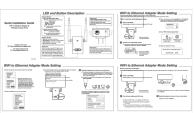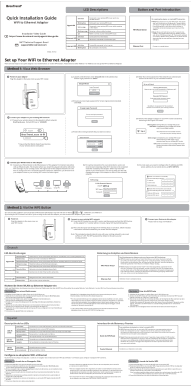
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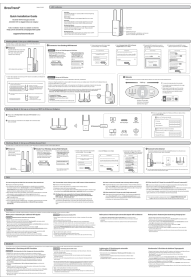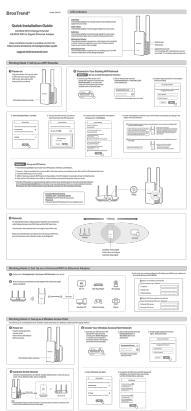
For warranty information and technical support, please refer to the official BrosTrend website or contact their customer service directly. Details can typically be found in the Quick Installation Guide or on the product packaging.
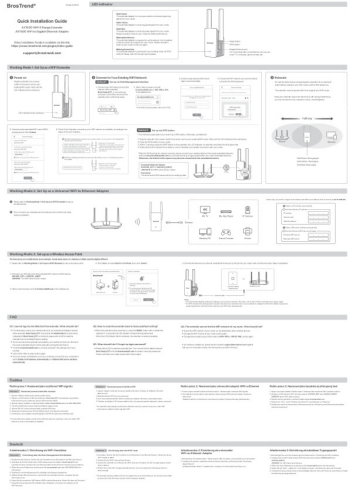**Website:** www.brostrend.com

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	BrosTrend AX1500 WiFi 6 Range Extender & Ethernet Adapter Quick Installation Guide 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.
	BrosTrend N300 WiFi to Ethernet Adapter Quick Installation Guide This guide provides instructions for setting up the BrosTrend N300 WiFi to Ethernet Adapter in WiFi to Ethernet Adapter Mode using either the Web Management Interface or the WPS button.

[BrosTrend AC9-V2 WiFi to Ethernet Adapter Quick Installation Guide](#)
Comprehensive guide for setting up the BrosTrend AC9-V2 WiFi to Ethernet Adapter using web browser or WPS methods. Includes LED descriptions, button functions, setup steps, and troubleshooting.

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

[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.

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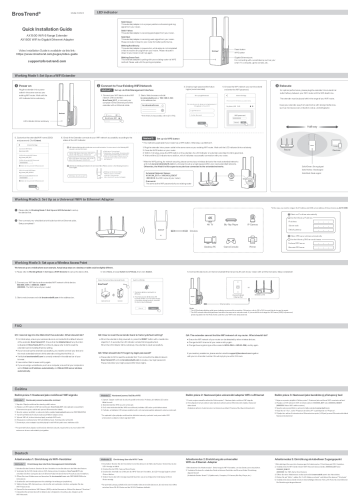
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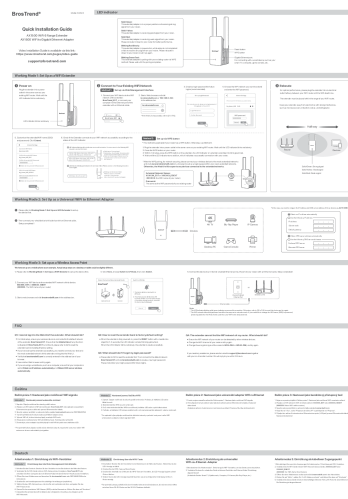
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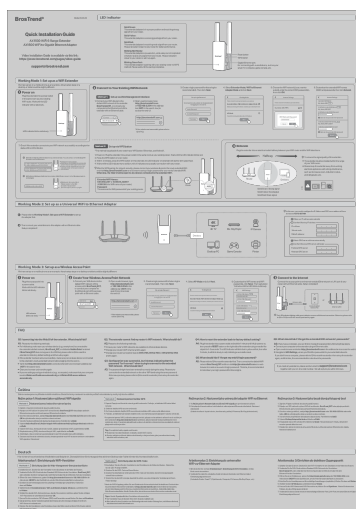
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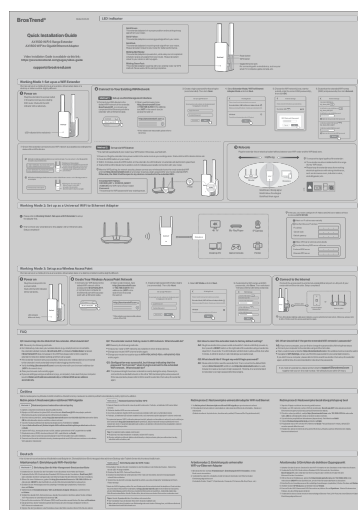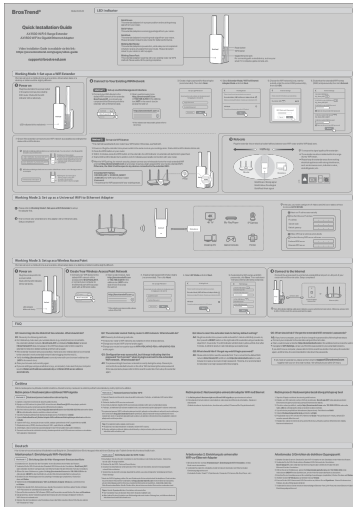

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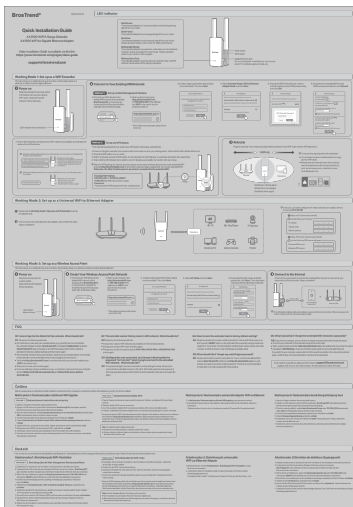
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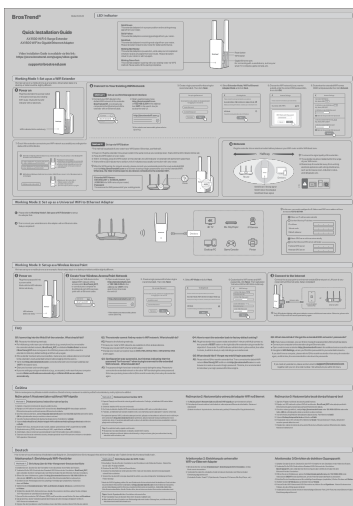
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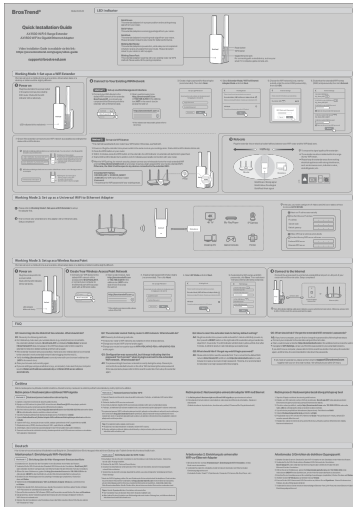
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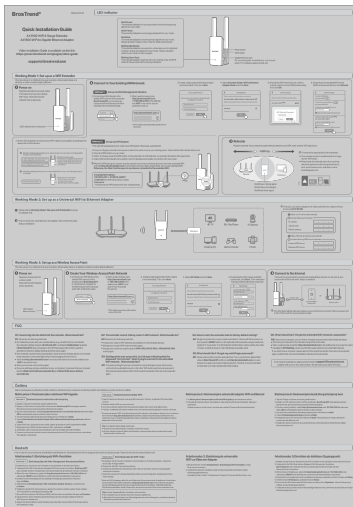
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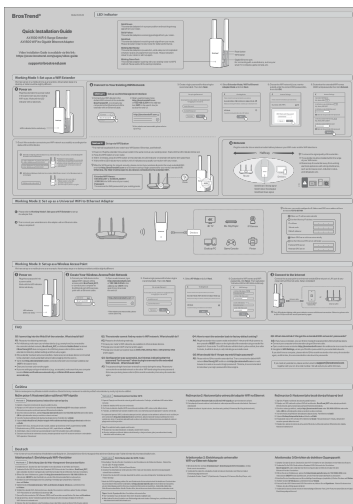
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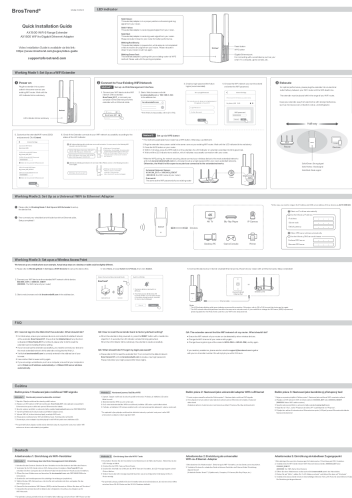
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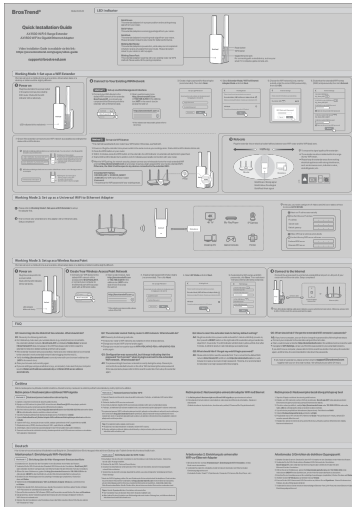
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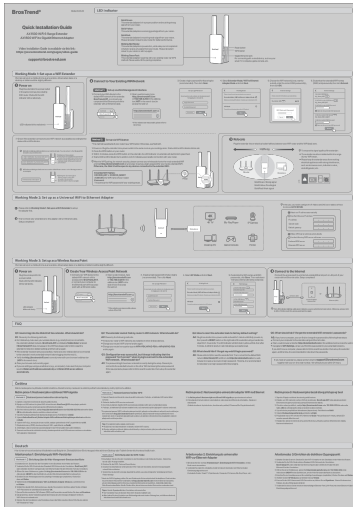
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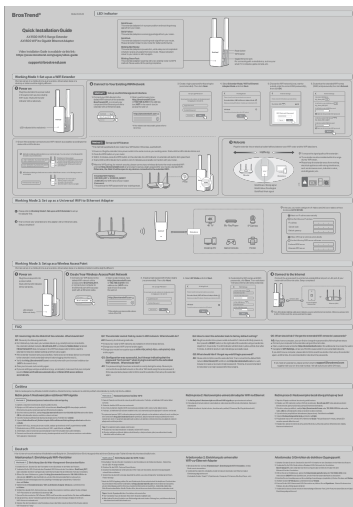[pdf] Installation Guide Guide

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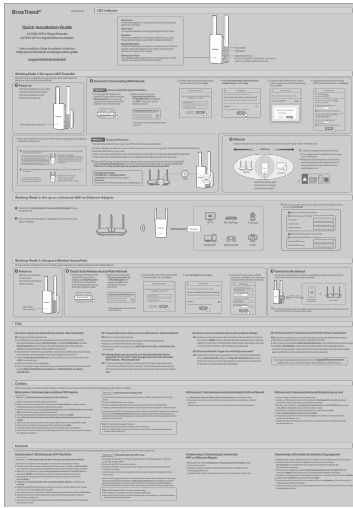

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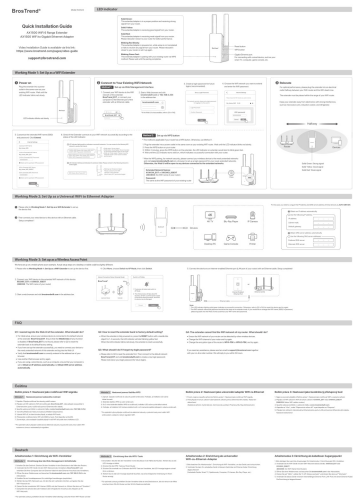
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