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> Luxul AC1900 Dual-Band Wireless AP User Manual

Luxul XAP-1510

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Model: XAP-1510

INTRODUCTION

This manual provides comprehensive instructions for the installation, configuration, operation, and maintenance of your Luxul AC1900 Dual-Band Wireless Access Point (AP), model XAP-1510. Please read this manual thoroughly before operating the device to ensure proper setup and optimal performance.



A front view of the Luxul AC1900 Dual-Band Wireless Access Point, showing its compact, white rectangular design with ventilation grilles along the bottom edge and subtle indicator lights on the top surface.

SETUP AND INSTALLATION

Package Contents

- Luxul AC1900 Dual-Band Wireless AP (XAP-1510)
- Mounting Bracket
- Power Adapter (48V DC)
- Quick Installation Guide

Physical Installation

The XAP-1510 can be mounted on a wall or ceiling. Choose a central location free from obstructions and sources of interference (e.g., microwave ovens, cordless phones). Use the provided mounting bracket and hardware to secure the AP.

Powering On

Connect the provided 48V DC power adapter to the power input port on the AP. Plug the power adapter into a standard electrical outlet. The AP will begin its startup sequence.

Network Connection

Connect an Ethernet cable from your network switch or router to the LAN port on the XAP-1510. Ensure the network connection is active and provides internet access if desired.

OPERATING INSTRUCTIONS

Initial Configuration

To access the AP's web-based management interface, connect a computer to the same network as the AP. Open a web browser and enter the default IP address (refer to the Quick Installation Guide for the specific default IP, typically 192.168.0.1 or similar). Log in using the default username and password.

Wireless Network Setup

Within the web interface, navigate to the wireless settings. You can create one or more Service Set Identifiers (SSIDs) for your wireless networks. Configure security settings (WPA2/WPA3 recommended) and set strong passwords for each SSID.

Dual-Band Operation

The XAP-1510 supports dual-band operation (2.4 GHz and 5 GHz). You can configure separate SSIDs for each band or use a single SSID for band steering. The 2.4 GHz band offers wider coverage, while the 5 GHz band provides higher speeds and less interference.

MAINTENANCE

Firmware Updates

Regularly check the Luxul website for the latest firmware updates. Updating the firmware can improve performance, add new features, and address security vulnerabilities. Follow the instructions provided with the firmware download for the update process.

Cleaning

To clean the AP, use a soft, dry cloth. Do not use liquid cleaners or aerosol sprays, as they may damage the device. Ensure the ventilation grilles are free from dust buildup to maintain proper airflow.

Resetting to Factory Defaults

If you encounter persistent issues or forget your login credentials, you can reset the AP to its factory default settings. Locate the reset button (often recessed) and press and hold it for approximately 10-15 seconds while the device is powered on. The AP will restart with default settings.

TROUBLESHOOTING

Common Issues

- **No Power:** Ensure the power adapter is securely connected to both the AP and a working electrical outlet.
- **No Network Connectivity:** Verify the Ethernet cable is properly connected to the LAN port and your network switch/router. Check the status of your network.
- **Cannot Access Web Interface:** Confirm your computer is on the same network segment as the AP. Try clearing your browser's cache or using a different browser. Verify the AP's IP address.
- **Poor Wireless Performance:** Check for sources of interference. Ensure the AP is centrally located. Adjust channel settings if necessary.

LED Indicators

The XAP-1510 features LED indicators that provide status information. Refer to the Quick Installation Guide for a detailed explanation of each LED's behavior (e.g., solid green for normal operation, blinking for activity, red for error).

TECHNICAL SPECIFICATIONS

Brand	Luxul
Model Name	XAP-1510
Wireless Type	802.11ac
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Connectivity Technology	Wireless, Wired
Item Weight	1.5 pounds (approx. 23.99 Ounces)

Product Dimensions	4 x 13 x 10 inches
Voltage	48 Volts (DC)
Manufacturer	LUXUL

WARRANTY INFORMATION

Specific warranty details for the Luxul XAP-1510 are not provided within this document. For comprehensive warranty terms and conditions, please refer to the official Luxul website or contact your authorized Luxul dealer.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or further support, please visit the official Luxul support website. You may find FAQs, additional documentation, and contact information for their customer service team there.