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Othmro SMAFemale 5dB 195mm

Othmro WiFi Antenna User Manual

Model: SMAFemale 5dB 195mm

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Othmro WiFi Antenna. This high-gain antenna is designed to enhance wireless network signals, extending coverage and improving connection stability for various applications.

The Othmro WiFi antenna is engineered to provide a robust and stable signal, effectively extending WiFi coverage to areas with weak or no signal, commonly known as "dead spots." It is suitable for a wide range of environments including homes, offices, stations, shopping centers, and hotels, ensuring reliable wireless connectivity.

Setup and Installation

The Othmro WiFi Antenna is designed for straightforward installation, requiring no complex software or drivers. Follow these steps to integrate the antenna into your existing wireless setup:

- **Compatibility Check:** Ensure your device (e.g., WiFi router, booster) has an SMA-Female connector for antenna attachment. This antenna features an SMA-Female connector.
- **Attachment:** Carefully screw the antenna onto the corresponding SMA-Male port on your WiFi router, booster, or other compatible device. Ensure a snug fit, but do not overtighten.
- **Positioning:** For optimal performance, position the antenna vertically or at an angle that provides the best signal reception. Experiment with different orientations to find the most effective signal strength.
- **No Software Required:** This antenna operates passively and does not require any software installation or configuration. Once physically connected, it immediately begins to enhance your wireless signal.







Image: The Othmro WiFi Antenna, showing its white body and SMA-Female connector at the base, ready for installation.

Operating Principles and Benefits

The Othmro WiFi Antenna is a high-gain antenna designed to significantly improve the range and quality of your wireless network. It operates by efficiently capturing and transmitting radio signals across both 2.4GHz and 5.8GHz frequency bands, which are commonly used for WiFi, Bluetooth, and Zigbee communications.

- **Dual-Band Support:** Compatible with both 2.4GHz and 5.8GHz frequencies, ensuring broad compatibility with various wireless devices and networks.
- **Signal Enhancement:** Increases the effective signal strength, allowing your wireless devices to maintain a more stable connection over greater distances.
- **Extended Coverage:** Helps to eliminate "dead spots" by extending the reach of your WiFi signal, providing more consistent coverage throughout your home or office.
- **Versatile Compatibility:** Beyond WiFi, this antenna is also compatible with Bluetooth and Zigbee antenna systems, offering versatile application.

Features



Image: A close-up view of the Othmro WiFi Antenna, highlighting its flexible joint and the SMA-Female connector, demonstrating its adaptability for various setups.

Maintenance

The Othmro WiFi Antenna requires minimal maintenance to ensure long-term performance:

- **Cleaning:** Periodically wipe the antenna with a soft, dry cloth to remove dust or debris. Do not use liquid cleaners or abrasive materials.
- **Connection Check:** Occasionally check that the antenna is securely screwed into its port. A loose connection can degrade signal quality.
- **Environmental Conditions:** While durable, avoid exposing the antenna to extreme temperatures, direct moisture, or corrosive environments to prevent damage.

Troubleshooting

If you experience issues with your Othmro WiFi Antenna, consider the following common troubleshooting steps:

- **Weak or No Signal Improvement:**
  - Ensure the antenna is securely connected to the device's antenna port.
  - Try adjusting the antenna's orientation and position. Sometimes a slight change in angle can significantly improve signal reception.
  - Verify that your router or device is functioning correctly with its original antenna.
- **Antenna Does Not Fit:**
  - Confirm that your device uses an SMA-Male connector. This antenna is designed for SMA-Female ports.
- **Intermittent Connection:**
  - Check for physical obstructions between the antenna and your wireless devices.
  - Ensure there are no strong sources of interference (e.g., microwaves, cordless phones) operating nearby.

Specifications

Feature	Detail
Frequency Range	2.4GHz / 5.8GHz (Dual Band)
Antenna Length	195mm (7.68 inches)
Connector Type	SMA-Female
Compatibility	WiFi Routers, Boosters, Bluetooth, Zigbee devices with SMA-Male ports
Item Weight	0.704 ounces
Package Dimensions	7.72 x 3.31 x 0.43 inches
Manufacturer	Othmro

Product Size



Image: A diagram illustrating the precise dimensions of the Othmro WiFi Antenna, including its 195mm length and connector measurements.

Product Detail



Image: A detailed view of the Othmro WiFi Antenna's connector and base, highlighting the quality of construction.

Warranty Information

Othmro products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the product packaging or contact Othmro customer support. Typically, products are covered against manufacturing defects for a limited period from the date of purchase.

Customer Support

For further assistance, technical support, or inquiries regarding your Othmro WiFi Antenna, please visit the official Othmro Store or contact their customer service department.

Visit the Othmro Store on Amazon

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