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> Slinkdsco External Tri-Band WiFi 7 Antenna User Manual

Slinkdsco Wifi 7 Antenna

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Model: Wifi 7 Antenna

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Slinkdsco External Tri-Band 802.11BE WiFi 7 Antenna. This omni-directional antenna is designed to enhance WiFi signal and speed for compatible devices, including WiFi 7 PC desktop computers, extendable routers, and ASUS ROG gaming motherboards with RP-SMA connectors. It also supports WiFi 6 and WiFi 6E standards (2.4GHz, 5GHz, 6GHz).



Image 1.1: Slinkdsco External Tri-Band WiFi 7 Antenna with dual RP-SMA connectors and magnetic base.

2. PACKAGE CONTENTS

- 1 x Slinkdsco External Tri-Band WiFi 7 Antenna with dual 6.5-foot extension cables.

3. SETUP AND INSTALLATION

Follow these steps to properly install your WiFi 7 antenna:

1. **Compatibility Check:** Ensure your device (PC, router, motherboard) has **RP-SMA connectors**.
Note: This antenna is not compatible with ASUS's latest WiFi 7 interface which may use a different connector type. Verify your device's connector before proceeding.
2. **Connectors:** Carefully align and screw the two RP-SMA male connectors from the antenna cable into the corresponding RP-SMA female ports on your WiFi card or motherboard. Hand-tighten only to avoid damage.
3. **Positioning:** The antenna features a magnetic base for easy placement. For optimal WiFi and Bluetooth signal coverage, position the antenna as far as possible from your PC/router and at a higher elevation. The 180° rotatable design allows for flexible adjustment to achieve the best signal reception.

Easy to install anywhere



Image 3.1: The antenna features a magnetic base for secure and flexible placement.

Rotate in 180°

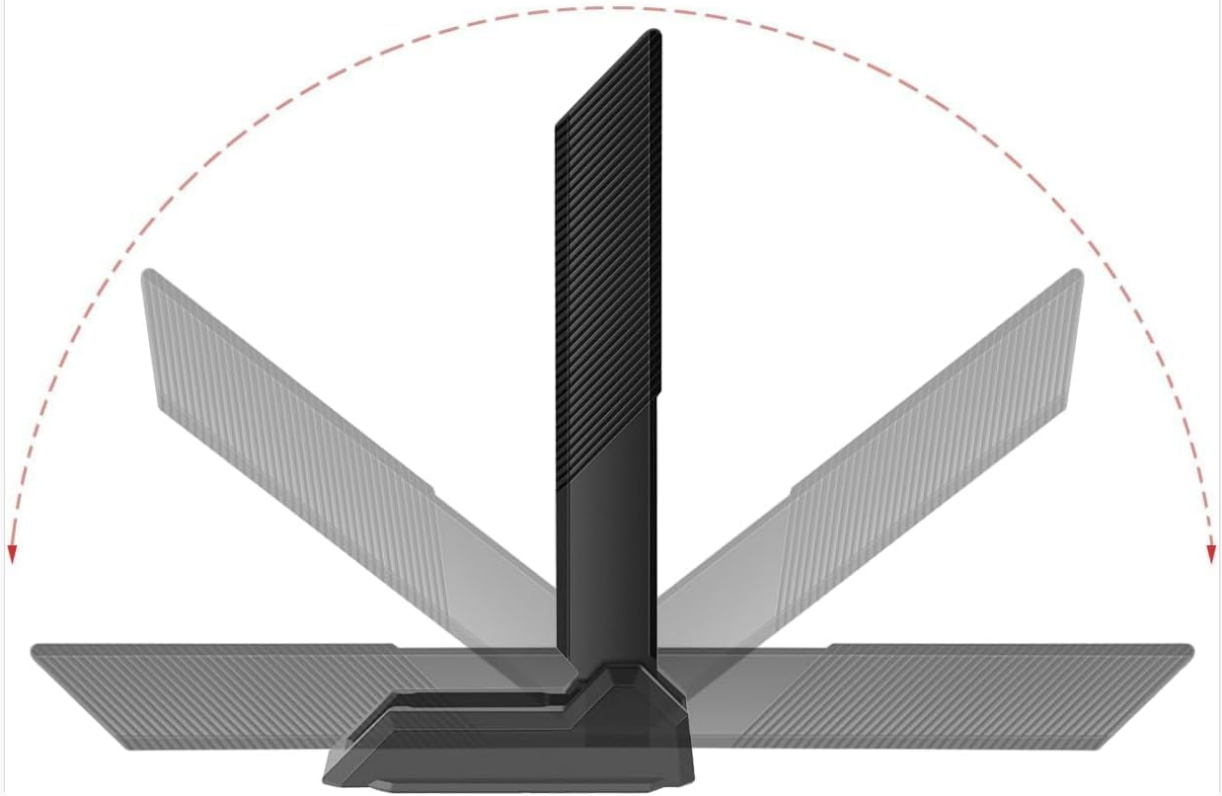


Image 3.2: The antenna's 180° rotatable design allows for optimal signal adjustment.

Compatible With

Any 2.4GHZ/5GHZ/6GHZ WiFi Router WiFi Motherboard With RP-SMA Connector



Image 3.3: The antenna is compatible with 2.4GHz/5GHz/6GHz WiFi routers and motherboards with RP-SMA connectors.

Setup Demonstration Video

Your browser does not support the video tag.

Video 3.1: Demonstration of connecting the WiFi 7 antenna to a PC motherboard, highlighting the RP-SMA connectors.

4. OPERATING INSTRUCTIONS

Once connected, the Slinkdsco WiFi 7 antenna operates automatically. It is an omni-directional antenna, meaning it receives signals from all directions and does not require precise aiming. However, strategic placement can significantly improve performance.

- **Optimal Placement:** Place the antenna in an open area, away from large metal objects or other electronic devices that may cause interference. Higher positions generally yield better signal strength.
- **Signal Improvement:** This antenna is designed to boost WiFi signal range and stability, providing higher transmission speeds, lower latency, and larger network capacity, especially with WiFi 7 compatible devices.

BOOSTS WIFI SIGNAL RANGE & STABILITY

For Better Signal Reception



Image 4.1: The antenna boosts WiFi signal range and stability for better reception.

Longer Range Booster Your Slow & Unreliable WiFi Internet

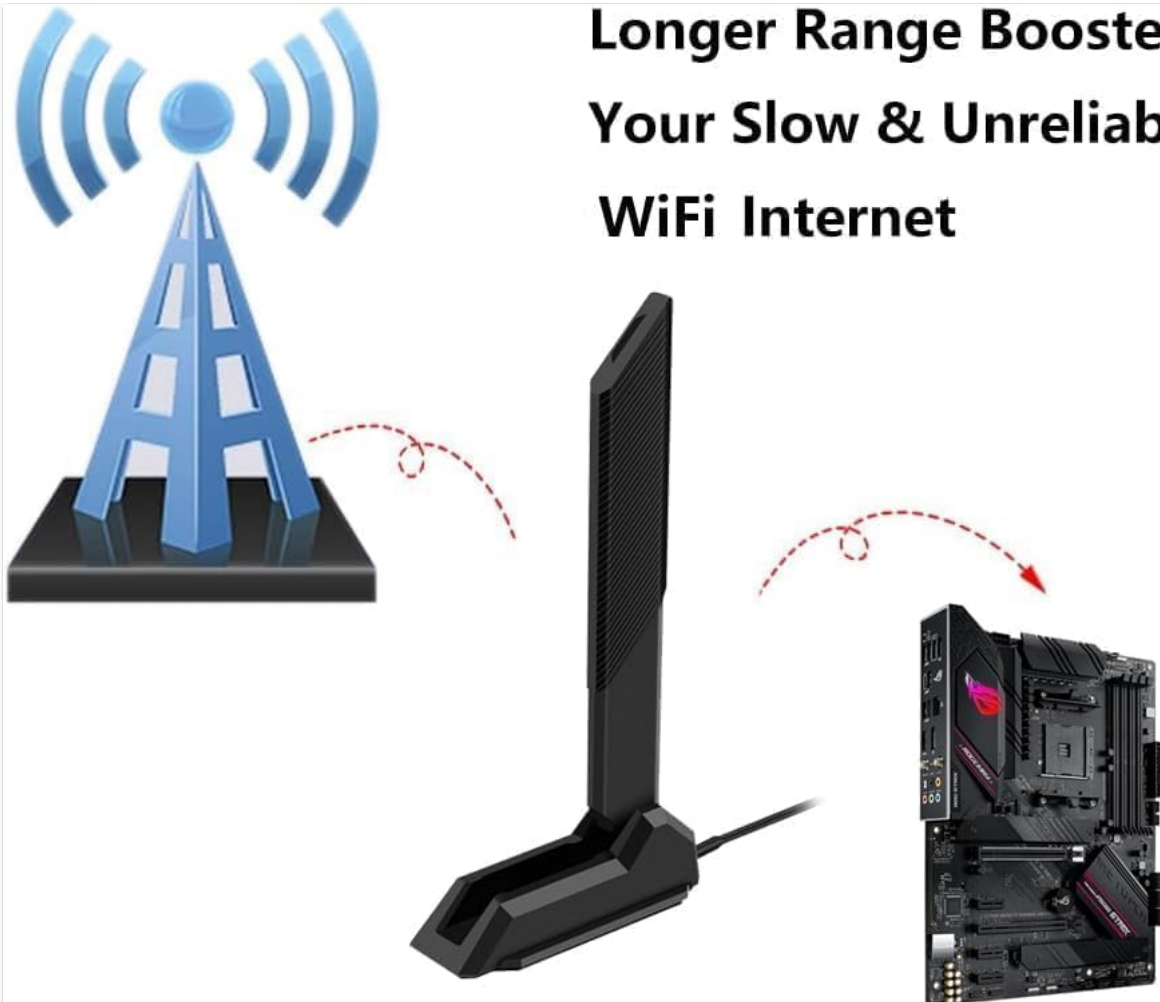


Image 4.2: The antenna acts as a longer range booster for slow or unreliable WiFi internet connections.

5. MAINTENANCE

The Slinkdsco WiFi 7 Antenna requires minimal maintenance:

- Keep the antenna clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid placing heavy objects on the antenna or its cables.
- Ensure the connectors remain securely fastened to your device.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No or weak WiFi signal after installation.	<ul style="list-style-type: none">◦ Incorrect connector type.◦ Loose connection.◦ Antenna placed in a poor location.◦ Interference from other devices.	<ul style="list-style-type: none">◦ Verify your device uses RP-SMA connectors.◦ Ensure both RP-SMA connectors are securely tightened.◦ Relocate the antenna to a higher, more open position, away from obstructions.◦ Move the antenna away from other electronics (e.g., microwaves, cordless phones).

Problem	Possible Cause	Solution
Antenna does not stand upright.	Magnetic base not adhering properly.	Ensure the antenna is placed on a ferromagnetic surface for the magnetic base to function.
WiFi 7 features (speed, latency) not observed.	<ul style="list-style-type: none"> ◦ Device not WiFi 7 compatible. ◦ Router not WiFi 7 compatible. 	<ul style="list-style-type: none"> ◦ Confirm your WiFi card/motherboard and router support 802.11BE (WiFi 7). ◦ Ensure drivers are up to date.

7. SPECIFICATIONS

Brand	Slinkdsco
Model	Wifi 7 Antenna
Antenna Type	External Tri-Band Omni-directional
Supported Wireless Standards	802.11n, 802.11ax, 802.11g, 802.11ac, 802.11be (WiFi 6, WiFi 6E, WiFi 7)
Frequency Bands	2.4GHz, 5GHz, 6GHz
Gain	9dBi
Connectors	RP-SMA Male (x2)
Cable Length	Dual 6.5 feet (approximately 2 meters)
VSWR	<1.8
Impedance	50 Ohm
Operating Temperature	-40°C ~ +85°C
Item Weight	3.52 ounces (approximately 100 grams)
Package Dimensions	6.69 x 2.56 x 1.54 inches

8. WARRANTY AND SUPPORT

For any questions regarding the product or after-sales service, please contact Slinkdsco customer support. We aim to resolve and reply to all inquiries within 24 hours.

Please refer to your purchase documentation for specific warranty terms and conditions.