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> [FrSky](#) /

> [FrSky 2.4G V8 Series 5dB Module Antenna User Manual](#)

FrSky V8 Series 5dB Module Antenna

FrSky 2.4G V8 Series 5dB Module Antenna User Manual

INTRODUCTION

The FrSky 2.4G V8 Series 5dB Module Antenna is designed for use with FrSky 2.4G V8 series modules and compatible radio systems. This antenna provides a 5dB gain, enhancing the signal range and reliability of your remote control system. It serves as a direct replacement or upgrade for compatible FrSky equipment.

Key Features

- FrSky Taranis 2.4GHz Compatible 5dB Antenna
- Genuine FrSky Brand Component
- Easy to Replace Design
- High-Quality Construction

PRODUCT OVERVIEW



This image shows the FrSky 2.4G V8 Series 5dB Module Antenna from a side perspective, highlighting its black casing and connector.



An angled view of the FrSky 2.4G V8 Series 5dB Module Antenna, illustrating its tapered design and connector end.



A slightly different angled view of the FrSky 2.4G V8 Series 5dB Module Antenna, showing its overall form factor.

SETUP AND INSTALLATION

1. **Power Off Device:** Ensure your FrSky module or radio is completely powered off before beginning the antenna installation process.
2. **Locate Antenna Port:** Identify the existing antenna on your FrSky 2.4G V8 series module or compatible radio (e.g., FrSky Taranis).
3. **Remove Old Antenna (if applicable):** Carefully unscrew the old antenna by turning it counter-clockwise until it detaches from the module's antenna port.
4. **Attach New Antenna:** Align the connector of the new FrSky 2.4G V8 Series 5dB Module Antenna with the module's antenna port.
5. **Secure Antenna:** Gently screw the new antenna clockwise until it is finger-tight. *Do not overtighten*, as this can damage the connector.
6. **Verify Connection:** Double-check that the antenna is securely attached before powering on your device.

OPERATING INSTRUCTIONS

Once the FrSky 2.4G V8 Series 5dB Module Antenna is securely installed, follow these guidelines for operation:

- **Power On:** Power on your FrSky module or radio. The system should recognize the new antenna.
- **Range Testing:** Before operating your remote-controlled device at a distance, always perform a thorough range test in a safe, open area. This verifies signal integrity and helps identify any potential issues.
- **Antenna Orientation:** For optimal signal reception and transmission, ensure the antenna is oriented correctly. Typically, this means pointing it upwards or in the general direction of your receiver. Avoid obstructions between the transmitter antenna and the receiver.
- **Environmental Factors:** Be aware that environmental factors such as buildings, trees, and other radio frequency interference can affect signal range and quality.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your FrSky 2.4G V8 Series 5dB Module Antenna:

- **Regular Inspection:** Periodically inspect the antenna for any signs of physical damage, such as cracks in the casing, bent connectors, or frayed wiring (if visible).
- **Cleaning:** Keep the antenna clean and free from dirt, dust, and moisture. Use a soft, dry cloth for cleaning. Avoid using harsh chemicals or abrasive materials.
- **Handling:** Avoid bending or stressing the antenna excessively. Rough handling can damage internal components and negatively affect performance.
- **Storage:** When not in use, store the antenna in a safe place to prevent accidental damage.

TROUBLESHOOTING

| Issue | Possible Cause | Solution |
|--|--|--|
| Poor signal range or intermittent connection | Loose antenna connection, damaged antenna, environmental interference. | Ensure the antenna is securely attached. Check for any visible damage to the antenna or its connector. Perform a range test in an interference-free environment. |
| "Defective antenna" warning on radio | Faulty antenna, improper connection, issue with radio's RF board. | Immediately power off the device. Re-check the antenna connection. If the issue persists, the antenna may be faulty. Consider testing with a known working antenna. If the warning continues, consult FrSky support. |

SPECIFICATIONS

- **Brand:** FrSky
- **Item Name:** 5dB Module Antenna
- **Frequency:** 2.4 GHz
- **Gain:** 5dB
- **Compatibility:** FrSky V8 Series modules, FrSky Taranis 2.4GHz compatible systems
- **ASIN:** B014IYPSYQ

WARRANTY AND SUPPORT

For detailed warranty information and technical support regarding your FrSky 2.4G V8 Series 5dB Module Antenna, please refer to the official FrSky website or contact your authorized FrSky dealer. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.