

## TIDRADIO B0D3LSYSY5

# TIDRADIO 11-inch AirBand Antenna Instruction Manual

Model: B0D3LSYSY5

### INTRODUCTION

Thank you for choosing the TIDRADIO 11-inch AirBand Antenna. This antenna is designed to enhance airband signal reception for compatible walkie-talkies. Please read this manual thoroughly to ensure proper installation and optimal performance.

### SPECIFICATIONS

Connector Type	SMA-Female
Frequency Range	Air Band 108-136MHz
Gain	3.5dBi
V.S.W.R	Less than 1.5
Max Input Power	25W
Impedance	50 ohm
Length	28 CM / 11 inches
Item Weight	1.76 ounces
Package Dimensions	15.79 x 3.46 x 0.59 inches

### SETUP INSTRUCTIONS

Follow these steps to properly attach your TIDRADIO AirBand Antenna to a compatible device:

- Identify the Connector:** The TIDRADIO 11-inch AirBand Antenna features an SMA-Female connector. Ensure your walkie-talkie or radio has a compatible SMA-Male connector.
- Align the Connectors:** Carefully align the SMA-Female connector on the antenna with the SMA-Male connector on your radio.
- Screw On the Antenna:** Gently screw the antenna onto the radio's connector in a clockwise direction. Do not overtighten, as this can damage both the antenna and the radio. Tighten until snug.

4. **Compatibility Check:** This antenna is compatible with various models including BAOFENG UV-5R Mini, UV-32, DM-32, F8HP PRO, 5RM, 5RH PRO, K5PLUS, TIDRADIO TD-H3Plus, TD-H3, Quansheng UV-K5/UV-K6/UV-TK11, and Radioddity RT-470/Airband two-way radios.

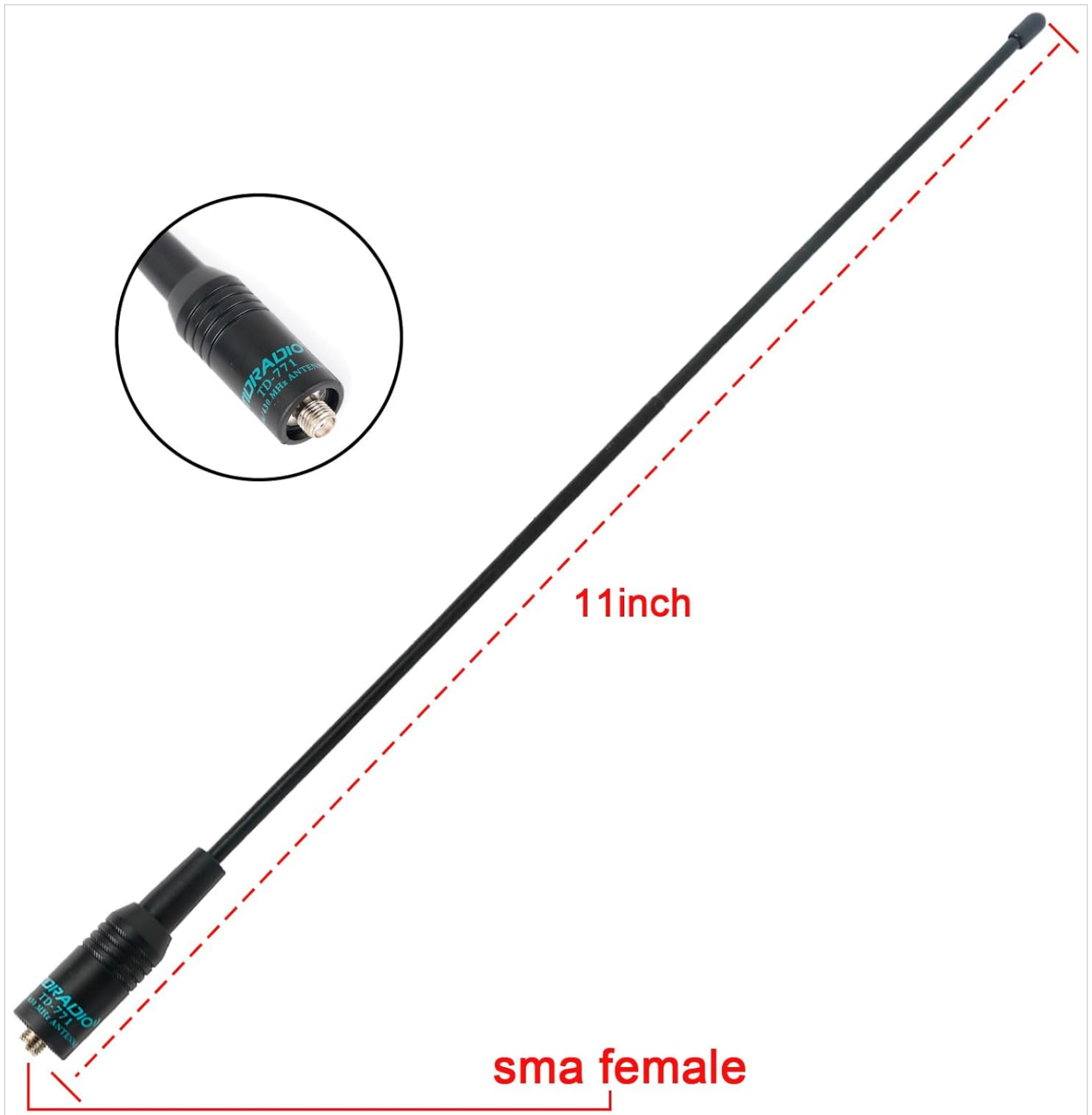


Image: The 11-inch TIDRADIO AirBand Antenna, highlighting its SMA-Female connector for easy attachment to compatible radios.

## OPERATING THE ANTENNA

Once the antenna is securely attached, your radio is ready for enhanced airband signal reception. The antenna is designed for optimal performance within the 108-136MHz airband frequency range.

- **Signal Reception:** The 3.5dBi gain of this antenna helps improve the clarity and range of received airband signals.
- **Flexibility:** The antenna is designed to be flexible, allowing for some bending without damage, which can be beneficial in various operating conditions.
- **Power Handling:** The antenna can handle a maximum input power of 25W. Ensure your radio's output power does not exceed this limit to prevent damage.



Image: The TIDRADIO AirBand Antenna connected to a radio, illustrating its use for aviation band receiving.

# Increase talking distance



Image: The antenna's flexible design and high sensitivity for improved signal reception.

## MAINTENANCE AND CARE

Proper maintenance ensures the longevity and performance of your antenna:

- **Cleaning:** Wipe the antenna with a soft, dry cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the antenna in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** While the antenna is designed to be durable and stretchable, avoid excessive bending or sharp impacts that could damage the internal elements or connector.
- **Connection:** Periodically check the connection to your radio to ensure it remains snug and free from corrosion.

## TROUBLESHOOTING

If you experience issues with signal reception, consider the following:

- **Poor Signal Reception:**

- Ensure the antenna is securely attached to your radio. A loose connection can significantly degrade performance.
  - Verify that your radio is tuned to the correct airband frequency (108-136MHz).
  - Check for environmental obstructions such as large buildings, hills, or dense foliage that might block signals. Try moving to a different location.
  - Confirm that your radio's settings are correctly configured for external antenna use, if applicable.
- **Antenna Damage:** Inspect the antenna for any visible signs of damage, such as cracks in the casing or a bent connector. If damaged, replace the antenna.

For issues related to your walkie-talkie's functionality, refer to its specific instruction manual.

## WARRANTY AND SUPPORT

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TIDRADIO products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the warranty card included with your purchase or visit the official TIDRADIO website. You may also contact TIDRADIO customer service directly for assistance.