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› GOOZEEZOO Donut WB Antenna Instruction Manual

GOOZEEZOO WB

GOOZEEZOO Donut WB Antenna Instruction Manual

Model: WB

1. INTRODUCTION

The GOOZEEZOO Donut WB Antenna is a versatile mini loop antenna designed for a wide frequency range of 10KHz to 180MHz. It features an integrated low impedance converter for flexible tuning and broad compatibility with various radio devices, including ham radios, walkie-talkies, and SDRs.



Image 1.1: The GOOZEEZOO Donut WB Antenna, showcasing its compact design and the attached low impedance converter.

2. KEY FEATURES

- **Upgraded Design:** Equipped with a low impedance converter for free tuning across all bands, eliminating the need for multiple antennas.
- **Wide Frequency Range:** Operates from 10KHz to 180MHz, suitable for scanning capabilities.
- **Easy Installation:** Features a plug-and-play design for quick setup without special tools.
- **Broad Compatibility:** Compatible with various radio models, walkie-talkies, and SDR devices.



Image 2.1: Visual representation of the Donut WB Mini Loop Antenna, highlighting its wide frequency range.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Donut WB Antenna
- 1 x Low Impedance Converter
- 1 x EVA Bag

Wide Frequency Range

((•)) 10kHz-180MHz

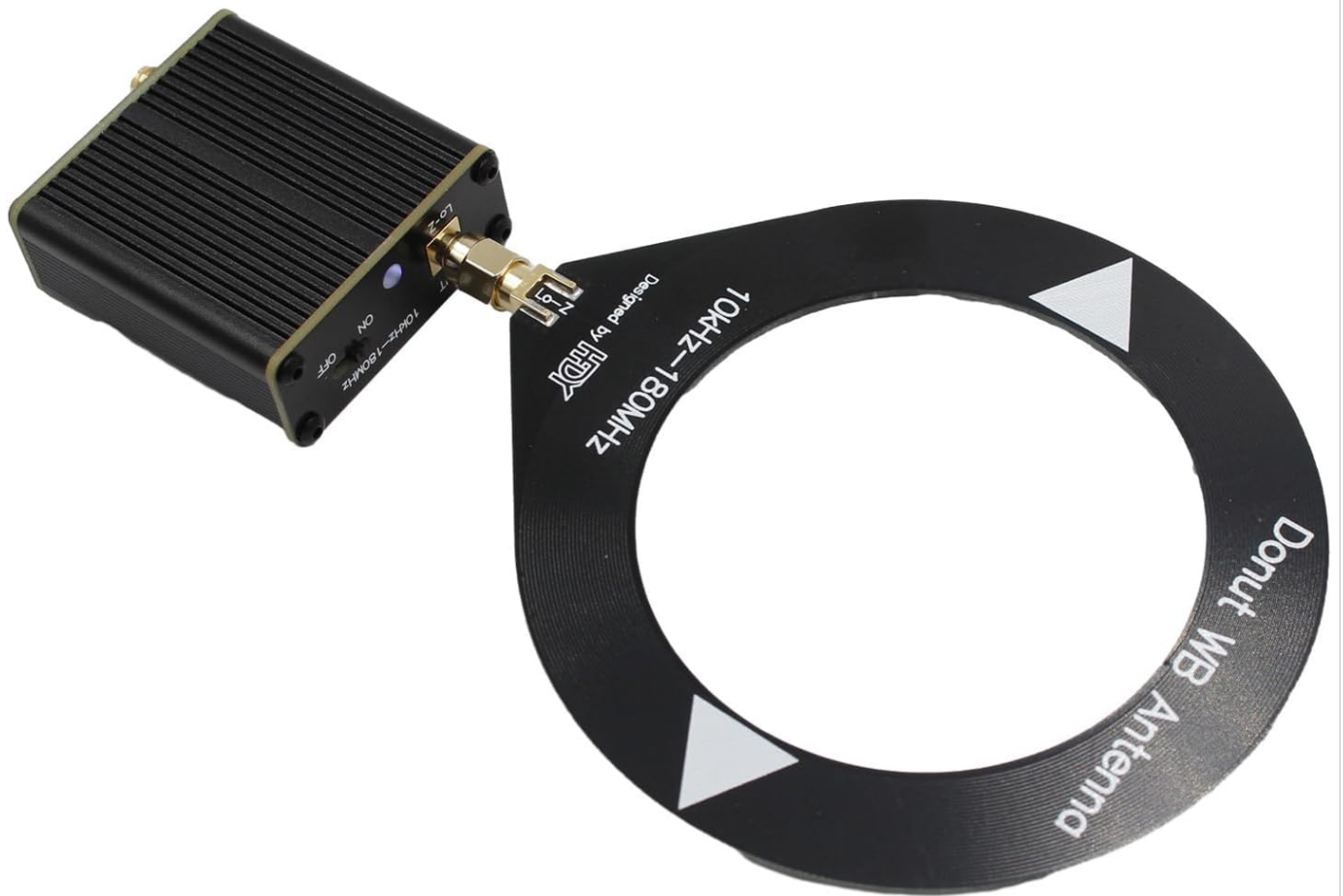


Image 3.1: Contents of the Donut WB Antenna package.

4. SETUP INSTRUCTIONS

The Donut WB Antenna is designed for simple plug-and-play installation.

1. **Connect the Antenna:** Attach the Donut WB Antenna to the low impedance converter via the SMA connector.
2. **Connect to Radio/SDR:** Connect the output of the low impedance converter to your radio, walkie-talkie, or SDR device. Ensure a secure connection.
3. **Power On:** Switch on the low impedance converter. The built-in 600mAh battery provides power for operation.
4. **Positioning:** For optimal reception, position the antenna away from large metal objects or sources of electrical interference.



Image 4.1: Detail of the low impedance converter, showing connection points and power switch.

Setup Demonstration Video

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Video 4.1: An overview video demonstrating the GOOZEEZOO Donut WB Antenna, highlighting its compact design and connection to a radio receiver.

5. OPERATING INSTRUCTIONS

Once connected and powered on, the Donut WB Antenna is ready for use. Its wideband nature allows for reception across its specified frequency range without manual tuning of the antenna itself.

- **Frequency Selection:** Use your connected radio or SDR device to select the desired frequency within the 10KHz-180MHz range.
- **Signal Optimization:** Experiment with the antenna's orientation and placement to achieve the best signal reception. Magnetic loop antennas can exhibit directional properties.
- **Battery Life:** The low impedance converter has a built-in 600mAh battery. Monitor your device's battery indicator and recharge as needed.

Usage Examples



Image 5.1: Antenna in outdoor use with a portable radio.



Image 5.2: Antenna positioned indoors near a window for reception.



Image 5.3: Antenna connected to a walkie-talkie for portable use.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the antenna and converter. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the antenna and converter in the provided EVA bag to protect them from dust and physical damage.
- **Battery Care:** Recharge the built-in battery regularly, especially if the device will be stored for an extended period, to maintain battery health.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No signal or weak reception	Incorrect connection, low battery, interference, poor antenna placement.	Check all cable connections. Recharge the converter battery. Move the antenna away from electronic devices or metal objects. Adjust antenna orientation.
Converter not powering on	Depleted battery.	Connect the converter to a USB power source for charging.
Intermittent signal	Loose connection, external interference.	Ensure all connectors are tight. Identify and mitigate sources of interference.

8. SPECIFICATIONS

Feature	Detail
Model Number	WB
Frequency Range	10KHz - 180MHz
Antenna Type	Mini Loop Antenna
Built-in Battery	600mAh Lithium Ion (included)
Item Weight	3.84 ounces
Product Dimensions	4.7"L x 4.4"W x 1.4"H
Color	Black

9. WARRANTY AND SUPPORT

Return Policy: This product is eligible for returns within 30 days for a refund or replacement, subject to the retailer's terms and conditions.

Manufacturer Support: GOOZEEZOO is dedicated to providing high-quality products and customer service. For further assistance or inquiries, please refer to the contact information provided with your purchase or visit the official GOOZEEZOO store page on Amazon.

Our company is dedicated to providing professional enthusiasts with superior listening experiences and endless enjoyment. We continuously strive to deliver the highest quality products. A team of skilled engineers is available to provide expert answers and top-notch service for your listening needs.

