

Zerone Zeronezymuon1sqw

Zerone 433MHz GSM GPRS SMA Male Plug Horn Antenna Amplifier User Manual

Model: Zeronezymuon1sqw

Brand: Zerone

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Zerone 433MHz GSM GPRS SMA Male Plug Horn Antenna Amplifier. This antenna is designed to enhance signal reception and transmission for compatible devices equipped with SMA connectors, operating within the 400-450MHz frequency range.

2. SAFETY INFORMATION

- Ensure the antenna is connected to compatible devices only.
- Avoid exposing the antenna to extreme temperatures, moisture, or direct sunlight for prolonged periods.
- Do not attempt to disassemble or modify the antenna. This may void the warranty and cause damage.
- Keep out of reach of children.
- Handle the cable and connector with care to prevent damage.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking.

- 1 x Zerone 433MHz GSM GPRS SMA Male Plug Horn Antenna Amplifier with 3-meter cable



Image: The Zerone 433MHz GSM GPRS SMA Male Plug Horn Antenna Amplifier, showing the central amplifier block, two antenna elements, and the attached cable with an SMA male connector.

4. SETUP

1. **Identify the Connector:** Locate the SMA male connector on the end of the antenna cable.
2. **Connect to Device:** Carefully screw the SMA male connector into the corresponding SMA female port on your compatible device (e.g., access point, radio, IoT device). Ensure a secure, hand-tight connection. Do not overtighten.
3. **Position the Antenna:** Place the antenna in an optimal location for signal reception and transmission. Consider factors such as line of sight, obstructions, and distance from the transmitting/receiving device. The 3-meter cable provides flexibility for placement.



Image: A detailed view of the gold-colored SMA male connector, which connects the antenna to a compatible device.



Line length: 3m/118in

Image: The antenna with its coiled 3-meter cable, illustrating the generous length for flexible installation.

5. OPERATING INSTRUCTIONS

Once properly connected, the Zerone antenna operates passively to enhance the signal of your connected device. No active configuration or power supply is required for the antenna itself.

- Ensure the antenna elements are not obstructed by large metal objects or walls, which can degrade signal performance.
- For optimal performance, experiment with different antenna orientations and positions to find the best signal strength for your application.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe the antenna and cable. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the cable for any signs of wear, cuts, or kinks. Ensure the SMA connector remains securely attached to your device.
- **Storage:** When not in use, store the antenna in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

- **Poor Signal Performance:**

- Verify that the antenna is securely connected to your device.
- Reposition the antenna to a different location or orientation to improve signal reception.
- Ensure there are no significant obstructions (e.g., thick walls, metal objects) between the antenna and the signal source.
- Confirm that your device is compatible with 433MHz antennas and SMA connectors.

- **No Signal:**

- Check all connections to ensure they are firm.
- Test your device with a known working antenna to rule out device malfunction.
- Inspect the antenna cable and connector for any visible damage.

8. SPECIFICATIONS

Brand	Zerone
Model Number	Zeronezymuon1sqw
Antenna Type	Radio Antenna
Working Frequency	400-450MHz
Impedance	50 Ohms
Output VSWR	<1.8
Connector Type	SMA Male Plug
Cable Length	3 Meters (118 inches)
Color	Black
Item Weight	1.44 ounces
UPC	763741485382, 763741470159

433MHZ GSM GPRS SMA Male Plug Horn Antenna Signal Amplifier



Image: The Zerone antenna with an overlay highlighting its line length (3m/118in), working frequency (400-450MHz), and output VSWR (<1.8).

9. WARRANTY

Zerone products are typically covered by a limited warranty against defects in materials and workmanship. Please refer to the product packaging or the official Zerone website for specific warranty terms and conditions applicable to your region. Keep your purchase receipt as proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, troubleshooting, or further inquiries, please visit the official Zerone website or contact their customer support. Contact details can usually be found on the product packaging or the brand's online presence.