

Vixen Horns VXS4006

Vixen Horns VXS4006 12V Electric Motor Driven Metal Alarm/Siren User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Vixen Horns VXS4006 12V Electric Motor Driven Metal Alarm/Siren. This compact and powerful siren is designed to produce a loud, attention-getting sound, suitable for various applications requiring an emergency warning signal. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure the power source is 12V DC. Incorrect voltage can damage the unit and pose a fire hazard. Disconnect power before performing any wiring or maintenance.
- **Hearing Protection:** This siren produces a very loud sound (112 dB). Prolonged exposure without hearing protection can cause hearing damage. Test the siren in a controlled environment and warn others nearby.
- **Mounting:** Mount the siren securely to a stable surface to prevent vibration and detachment during operation. Ensure the mounting location does not obstruct moving parts or airflow.
- **Environmental Conditions:** While designed for durability, avoid direct exposure to extreme weather conditions or corrosive substances to prolong the product's lifespan.
- **Intended Use:** This product is intended as an alarm or warning device. Use it responsibly and in accordance with local regulations.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Vixen Horns VXS4006 Siren Unit (Gray)
- Adjustable Mounting Bracket
- Mounting Hardware (screws, nuts, washers)
- Instruction Manual

4. INSTALLATION INSTRUCTIONS

4.1. Mounting the Siren

1. Select a suitable mounting location that is stable, secure, and allows the sound to project effectively. Consider the siren's dimensions (5" W x 5" H x 6.5" D).
2. Position the adjustable mounting bracket and mark the drilling points.
3. Drill pilot holes if necessary and securely attach the bracket to the surface using the provided hardware.
4. Attach the siren unit to the bracket. The angle of the siren can be adjusted vertically to direct the sound as desired. Tighten all fasteners to ensure the siren is firmly in place.



Image 1: Side view of the VXS4006 siren showing the adjustable mounting bracket.

4.2. Wiring the Siren

The VXS4006 siren operates on a 12V DC power supply. It features two wires for connection:

- Connect the **red wire** to the positive (+) 12V DC power source.
- Connect the **black wire** to the negative (-) ground connection.

Ensure all connections are secure and properly insulated to prevent short circuits. The siren can be activated via a manual switch (not included) or integrated into an existing alarm system.



Image 2: Rear view of the VXS4006 siren indicating the power wire connections.

5. OPERATING INSTRUCTIONS

Once properly installed and wired, the VXS4006 siren is ready for operation. Activation depends on your setup:

- **Manual Activation:** If connected to a manual switch, simply toggle the switch to the 'ON' position to activate the siren.
- **Alarm System Integration:** If integrated into an alarm system, the siren will activate automatically when the alarm system triggers its output for the siren.

The siren will produce a continuous, loud motor-driven sound when activated. Ensure the area is clear and individuals are aware before activation.



Image 3: Front-side view of the VXS4006 siren.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of your Vixen Horns VXS4006 siren:

- **Periodic Inspection:** Regularly check all wiring connections for tightness and signs of corrosion. Inspect the mounting bracket for any looseness or damage.
- **Cleaning:** Keep the siren's exterior clean from dirt, dust, and debris. Use a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Rust Prevention:** The metal housing is painted for protection. If installed in an outdoor or humid environment, periodically inspect for signs of rust, especially on exposed metal parts like bolts and the bracket. Apply a rust-inhibiting coating if necessary to maintain protection.
- **Motor Check:** Listen for any unusual noises during operation. A heavy-duty ABS sensitive motor is designed for dependable service, but excessive rattling or grinding may indicate an issue.

7. TROUBLESHOOTING

If you encounter issues with your VXS4006 siren, refer to the following troubleshooting guide:

- **Siren Does Not Activate:**
 - Check all wiring connections to ensure they are secure and correctly connected to a 12V DC power source.
 - Verify that the power source is active and providing 12V.
 - If using a switch, ensure it is functioning correctly.
 - If part of an alarm system, confirm the alarm system is sending a signal to the siren.
- **Siren Sound is Weak or Intermittent:**
 - Check for loose wiring connections or corrosion at the terminals.
 - Ensure the siren is receiving adequate 12V power. Low voltage can affect performance.
 - Inspect the siren's horn opening for any obstructions.
- **Siren Rattles During Operation:**
 - Ensure the siren unit is securely mounted to its bracket and the bracket is firmly attached to the surface. Tighten all mounting hardware.
 - Check for any loose internal components (if accessible and safe to do so, otherwise contact support).

8. SPECIFICATIONS

Feature	Specification
Model Number	VXS4006
Item Model Number	5841849946
Voltage	12 Volts DC
Noise Level	112 dB
Maximum Range	150 Meters
Control Method	Touch (via external switch/system)
Mounting Type	Wall Mount (Adjustable)
Product Dimensions	6.5 x 5 x 6.5 inches

Item Weight	1.75 pounds
Color	Gray
UPC	636967105450

9. WARRANTY AND SUPPORT

9.1. Warranty Information

Vixen Horns warrants this product to be free from defects in workmanship and materials for a period of one (1) year following the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from improper installation, misuse, abuse, accidents, or unauthorized modifications.

9.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your Vixen Horns VXS4006 siren, please contact Vixen Horns customer support. Refer to your purchase documentation or the official Vixen Horns website for current contact information.

ASK A QUESTION ABOUT THIS MANUAL

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