

YXQ MS-190

DC 12V MS-190 Alarm Buzzer Industrial Electronic Wind Screw Motor High Decibel Mini Siren User Manual

Brand: YXQ

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the YXQ MS-190 Mini Siren. Please read this manual thoroughly before using the product to ensure safe and efficient performance. The MS-190 Mini Siren is designed with two wires for connection and is intended to be controlled by an external sensor and switch. It is suitable for various applications including residential buildings, offices, factories, schools, shops, hotels, and other public places.

PRODUCT FEATURES

- Product Name: Mini Siren, Model: MS-190
- Material: Durable Metal, Plastic, and Electronic Components
- Rated Voltage: DC 12V
- Frequency: 50/60 Hz
- Sound Output: Approximately 114dB (not adjustable) at 1 meter
- Current: 0.755A; Power: 5.292W
- Installation: Fixed base installation with adjustable sound direction (Tuyere can be adjusted up and down)
- Wire Length: 22cm / 8.7 inches
- Overall Size (Approx.): 75 x 80mm / 3 x 3.1 inches (Base Diameter * Height)
- Mounting Hole Diameter: 4mm / 0.16 inches and 7mm / 0.28 inches
- Total Weight: 210g

SPECIFICATIONS

Specification	Value
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Model	MS-190

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Total Weight	210g
Color	Red
Mounting Type	Wall Mount
UPC	712755501212
Item Model Number	4331029544

SETUP AND INSTALLATION

The MS-190 Mini Siren is designed for fixed base installation. The sound output direction can be adjusted by manipulating the Tuyere (sound outlet) up and down after mounting.

Wiring Connection: The siren operates on DC 12V and features two wires for connection. The correct wiring sequence for operation is: **Sensor** → **Switch** → **Siren**. Ensure all connections are secure and insulated.



Image: Front view of the MS-190 Mini Siren, showcasing its compact design and the two power wires.

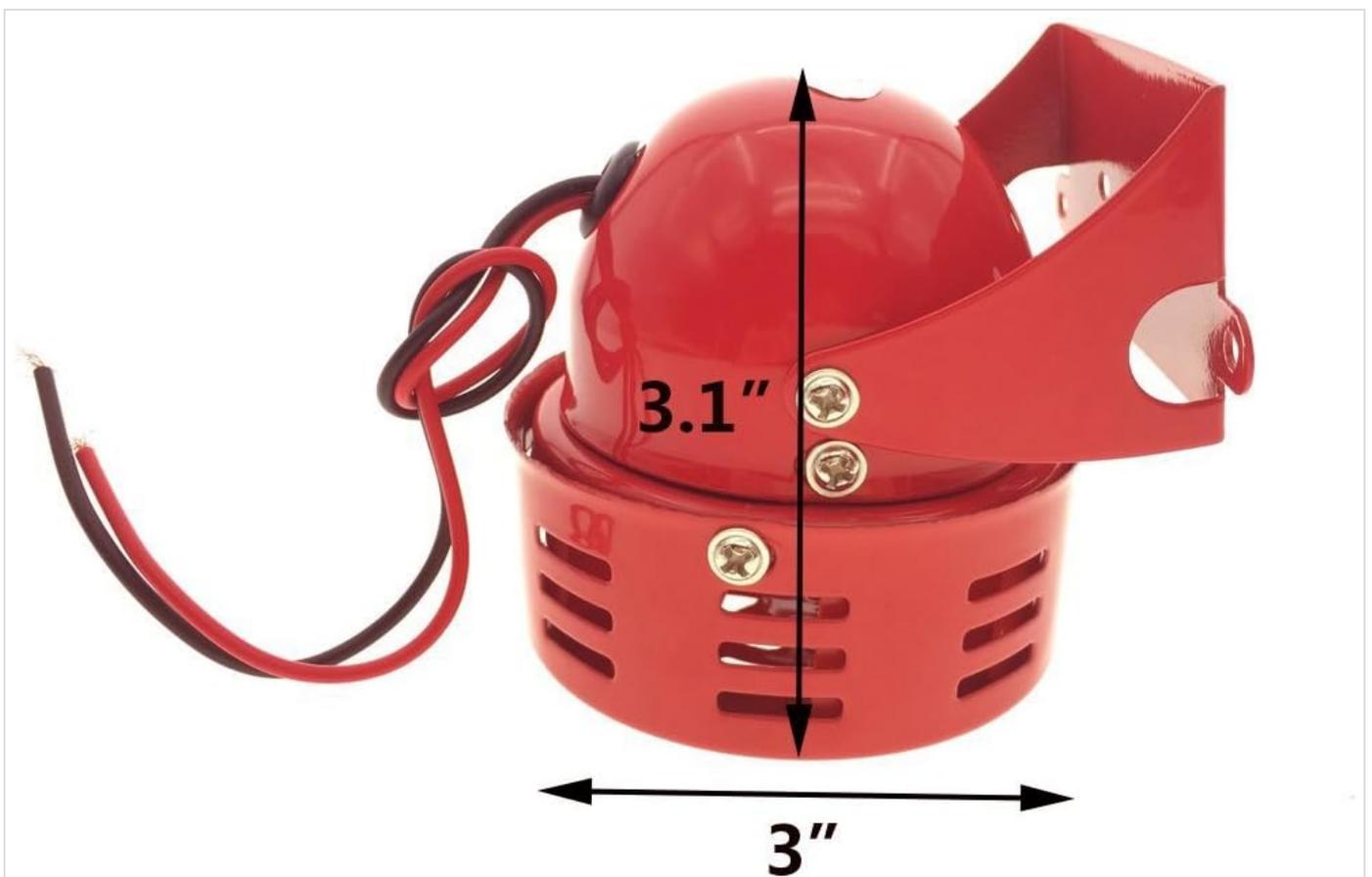


Image: Dimensions of the MS-190 Mini Siren, showing an approximate height of 3.1 inches and a base diameter of 3 inches.

DC 12V



Wire Length : 22cm / 8.7"

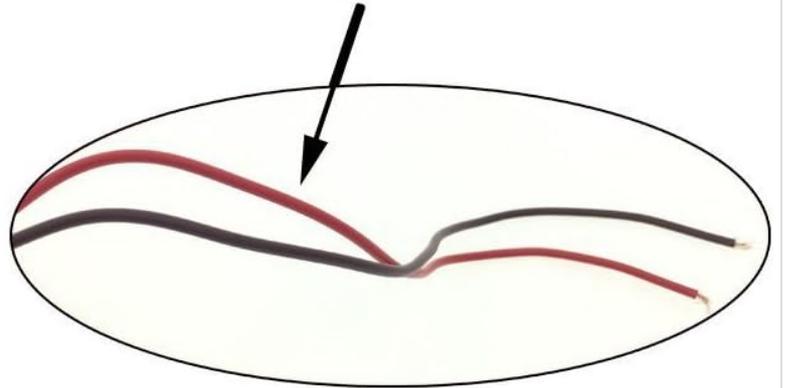


Image: Illustration of the siren's wire length, which is 22cm (8.7 inches).

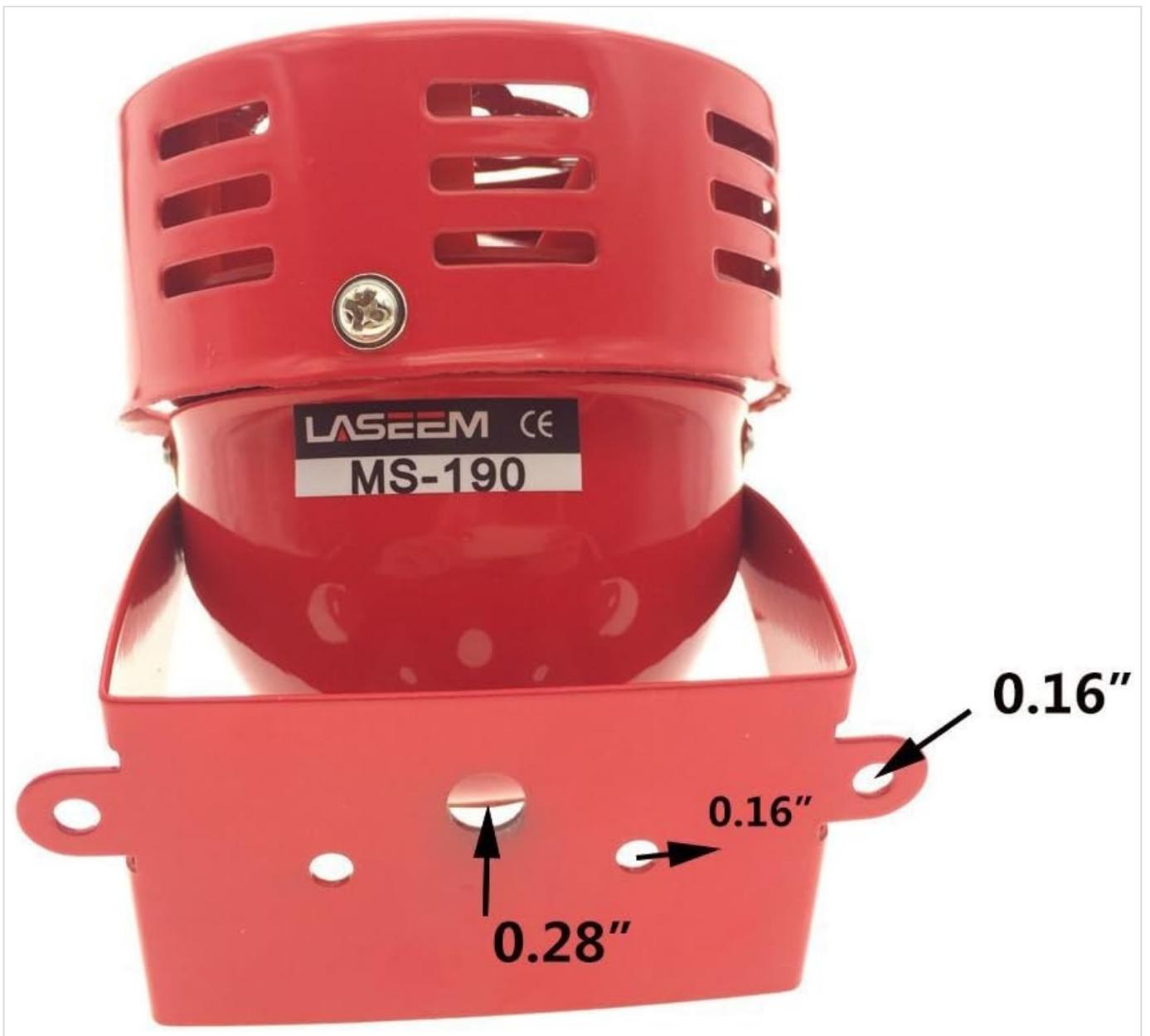


Image: Detail of the mounting holes on the siren's base, indicating diameters of 0.16 inches and 0.28 inches for secure installation.

OPERATING INSTRUCTIONS

Once properly installed and wired, the MS-190 Mini Siren will activate when the connected sensor triggers the switch, completing the circuit. The siren produces a high-decibel sound of approximately 114dB. Please note that the decibel level is not adjustable.

The siren is designed for immediate response and will cease operation once the power supply is interrupted (e.g., when the switch is opened or the sensor no longer triggers it).

Ensure the siren is used in an environment appropriate for its sound output level, considering local regulations and potential impact on surroundings.

MAINTENANCE

The YXQ MS-190 Mini Siren requires minimal maintenance. To ensure longevity and proper function:

- Keep the unit clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the siren to excessive moisture or extreme temperatures, as this may affect its electronic components.

- Periodically check the wiring connections to ensure they remain secure and free from corrosion.
- Do not attempt to disassemble the unit, as this may void any potential warranty and could lead to damage.

TROUBLESHOOTING

If the MS-190 Mini Siren is not functioning as expected, consider the following common issues and solutions:

- **Siren does not activate:**
 - Verify that the DC 12V power supply is correctly connected and active.
 - Check the wiring sequence: ensure the sensor, switch, and siren are connected in the correct order (Sensor → Switch → Siren).
 - Confirm that the sensor is properly detecting the trigger condition and the switch is functioning correctly to complete the circuit.
 - Inspect all wire connections for looseness or damage.
- **Siren stops working unexpectedly:**
 - The siren is designed to stop working after power off. Check if the sensor or switch has disengaged, thereby cutting off the power supply to the siren.
 - Ensure there are no intermittent power supply issues.
- **Sound output is low or distorted:**
 - Ensure the Tuyere (sound outlet) is not obstructed.
 - Verify that the siren is receiving the full DC 12V power. Insufficient voltage can affect performance.

If issues persist after performing these checks, contact the manufacturer or seller for further assistance.

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the terms and conditions provided at the time of purchase or contact the seller directly. Specific warranty details are typically provided by the manufacturer or authorized distributors. For additional support or inquiries about YXQ products, you may visit the official YXQ Store online: [YXQ Store on Amazon](#).