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Walfront MS-190

Walfront MS-190 Motor Wind Screw Alarm User Manual

Electronic Security System

INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of the Walfront MS-190 220V Red Continuous Sound 120DB Motor Wind Screw Alarm Electronic Security System. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

PRODUCT OVERVIEW

The Walfront MS-190 is a robust motor-driven alarm designed for various security and signaling applications. It produces a continuous, loud sound of 120dB, making it suitable for factories, construction sites, and road fault devices.



Figure 1: Front view of the Walfront MS-190 Motor Wind Screw Alarm, showcasing its red casing and sound vents.

SPECIFICATIONS

Attribute	Value
Model Number	MS-190
Working Voltage	220V
Sound Type	Continuous Sound (Motor Wind Screw Type)
Color	Red
Electricity	50mA
Voice Size	120dB
Power	25W
Weight	Approx. 400g (14.1oz)
Material	Iron

Product Dimensions	3.94 x 1.97 x 3.15 inches
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The MS-190 alarm is designed for durability and stable performance, featuring high and low temperature resistance.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- 1 x Walfront MS-190 Motor Alarm Unit

SAFETY INFORMATION

To ensure safe operation and prevent damage to the device or injury to personnel, please observe the following safety precautions:

- Always disconnect power before installation, maintenance, or troubleshooting.
- Ensure the working voltage matches the device's specification (220V). Incorrect voltage can cause damage or fire.
- Installation should be performed by qualified personnel familiar with electrical wiring and safety standards.
- Do not expose the device to excessive moisture or extreme temperatures outside its operating range.
- The alarm produces a loud sound (120dB). Avoid prolonged exposure to prevent hearing damage.

SETUP AND INSTALLATION

The MS-190 alarm features a fixed base installation for easy mounting. Follow these steps for proper setup:

1. **Choose a Location:** Select a stable and secure mounting surface. Ensure the location allows for optimal sound propagation and is protected from direct impact or excessive vibration.
2. **Mount the Base:** Use appropriate screws and anchors (not included) to securely fasten the alarm's fixed base to the chosen surface. The base allows for adjustment of the sound outlet (Tuyere) up and down.

**Easy to install: fixed base installation,
you can adjust Tuyere up and down**

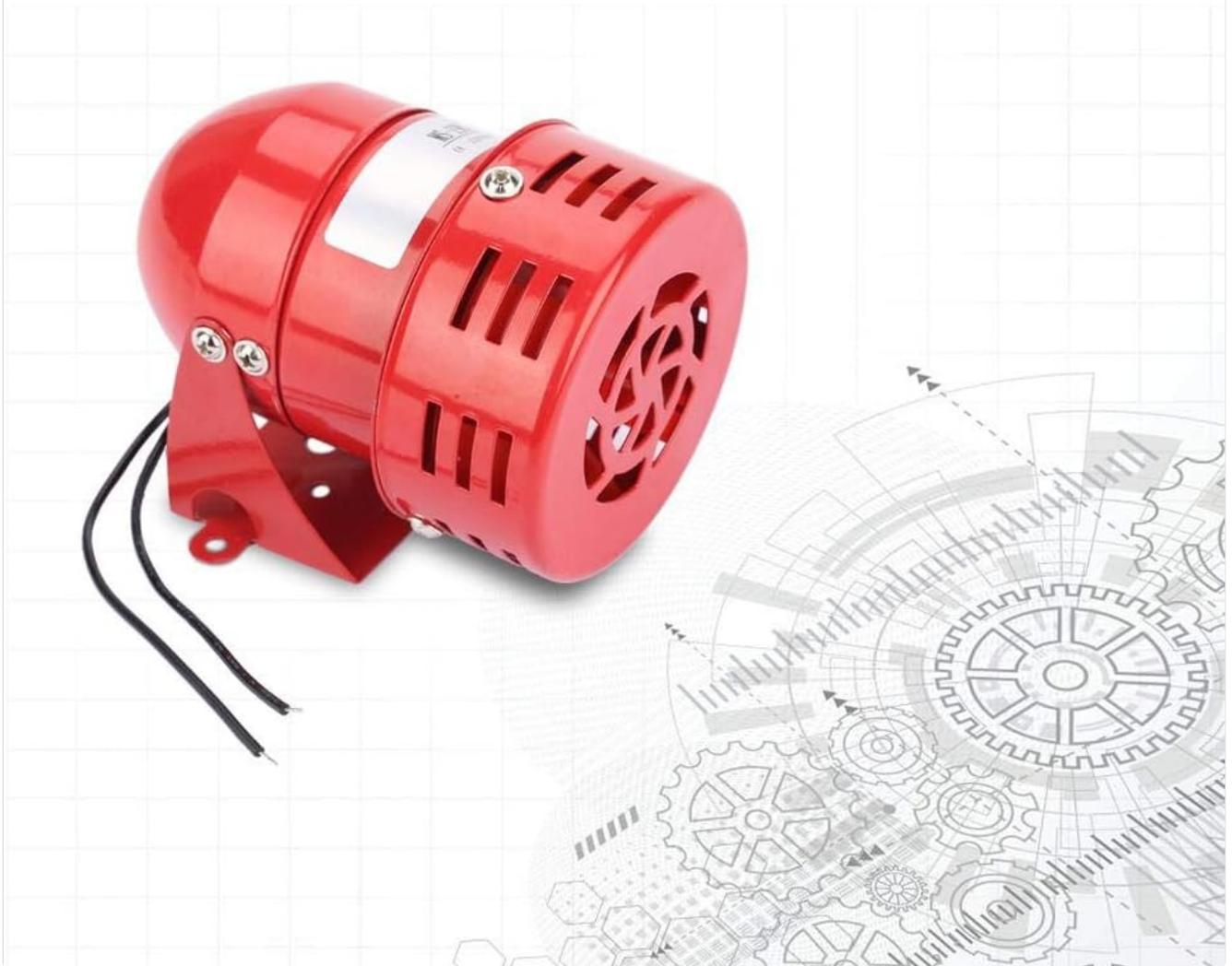


Figure 2: The MS-190 alarm showing its fixed base installation, which allows for vertical adjustment of the sound outlet.

3. **Wiring:** Connect the two wires from the alarm unit to your 220V power source. Ensure correct polarity if specified, though for AC devices like this, polarity is often not critical. It is recommended to use a circuit breaker or fuse for protection.

Your browser does not support the video tag.

Video 1: A demonstration of handling the MS-190 alarm, showing its components and how the wires are connected. This video illustrates the physical aspects of the alarm and its wiring points.

4. **Secure Connections:** Double-check all electrical connections to ensure they are secure and insulated to prevent short circuits.
5. **Final Check:** Before applying power, visually inspect the installation to confirm everything is correctly mounted and wired.



Figure 3: Rear view of the MS-190 alarm, highlighting the wiring entry point and mounting bracket.

OPERATING INSTRUCTIONS

The Walfront MS-190 alarm is designed for straightforward operation:

1. **Power On:** Once installed and wired correctly, apply 220V power to the alarm. The alarm will immediately begin to produce a continuous sound.
2. **Power Off:** To stop the alarm, disconnect the 220V power supply.

The alarm is intended for applications requiring a continuous audible signal, such as emergency alerts, warning signals, or process completion indicators in industrial or commercial settings.

Scope of application: factory, construction, road fault device



Figure 4: An illustration of the MS-190 alarm's potential application in an industrial environment, such as a factory or construction site.

MAINTENANCE

The Walfront MS-190 alarm requires minimal maintenance to ensure long-term reliability:

- **Regular Cleaning:** Periodically wipe the exterior of the alarm with a dry, soft cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspect Wiring:** Annually inspect the power wiring for any signs of wear, fraying, or loose connections. Repair or replace as necessary.
- **Mounting Security:** Check the mounting screws and base periodically to ensure the alarm remains securely fastened.
- **Environmental Protection:** Ensure the alarm is not exposed to conditions beyond its specified operating environment, such as excessive moisture or extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your MS-190 alarm, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Alarm does not sound	No power supply	Check power connection, circuit breaker, and ensure 220V supply.
Alarm sounds weak or intermittent	Insufficient voltage or loose wiring	Verify 220V supply. Check all wiring connections for tightness and corrosion.
Unusual noise or vibration	Loose mounting or internal component issue	Ensure the alarm is securely mounted. If the issue persists, contact customer support.

If the problem persists after attempting these solutions, please contact Walfront customer support for further assistance.

WARRANTY AND SUPPORT

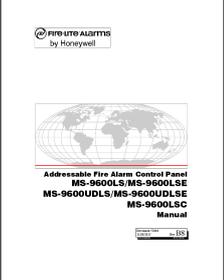
Walfront products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the official Walfront website or contact their customer service department.

Keep your purchase receipt as proof of purchase for warranty claims.

For direct support, you may visit the [Walfront Store on Amazon](#).

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Related Documents - MS-190

	<p>Fire-Lite MS-9600LS/MS-9600UDLS Series Addressable Fire Alarm Control Panel Manual</p> <p>This manual provides comprehensive guidance on the installation, operation, and programming of the Fire-Lite MS-9600LS, MS-9600LSE, MS-9600UDLS, MS-9600UDLSE, and MS-9600LSC addressable fire alarm control panels. It covers system setup, device configuration, operational procedures, and essential safety information.</p>
	<p>Grundfos MS, MMS Submersible Motors: Installation and Operating Instructions</p> <p>Comprehensive installation and operating instructions for Grundfos MS and MMS submersible motors, covering delivery, storage, general description, preparation, electrical connection, installation, maintenance, fault finding, and cable sizing.</p>



[Mileight Network Camera User Manual - Comprehensive Guide](#)

This user manual provides detailed instructions and specifications for Mileight Network Cameras, covering installation, configuration, operation, and maintenance for various models.



[Fire-Lite MS-9200UDLS Rev 2 Intelligent Addressable FACP with Built-In Communicator Datasheet](#)

Detailed datasheet for the Fire-Lite MS-9200UDLS Rev 2, an intelligent addressable Fire Alarm Control Panel (FACP) with a built-in Digital Alarm Communicator/Transmitter (DACT). Features include LiteSpeed polling, extensive device support, and various programming options.



[Radio Station 190 \(Ra 190\) Technical Manual - Part II](#)

Detailed technical manual for the Radio Station 190 (Ra 190), covering construction, function, service, and technical data. This manual is intended for service personnel and provides in-depth information on the transmitter, receiver, and associated components.



[MasonLEDs LED Luminaire Technical Specifications and Installation Guide](#)

Comprehensive technical specifications, light distribution curves, packaging details, and installation instructions for MasonLEDs LED luminaires, covering models from 10W to 350W.