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Getdoublerich 1B10U30N92OGHSG2SGLM2AZ

Electronic Industrial Alarm Buzzer

Model: **1B10U30N92OGHSG2SGLM2AZ** | Brand: **Getdoublerich**

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Getdoublerich Electronic Industrial Alarm Buzzer. Designed for industrial use, this buzzer produces a continuous sound at a high decibel level, making it suitable for various warning and signaling applications. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the device:

- Ensure the power supply voltage matches the rated voltage of the buzzer (DC 3-24V).
- Do not expose the device to extreme temperatures or moisture beyond its specified operating range.
- Handle wiring with care. Ensure correct polarity (red wire typically positive, black wire negative) to avoid damage.
- Installation should be performed by qualified personnel if complex wiring or integration into existing systems is required.
- Keep the device away from flammable materials.

3. Product Overview

The Getdoublerich Electronic Industrial Alarm Buzzer is a compact and robust signaling device. Key features include:

- **Loud Continuous Sound:** Produces a clear and evident alarm with a sound pressure of 100 dB.
- **Wide Voltage Range:** Operates on DC 3-24V, offering versatility for various industrial applications.
- **Convenient Wiring:** Features a simple 2-wire design (black and red) for easy connection.
- **Durable Construction:** Made from high-quality plastic material for long-term use in industrial environments.

- **Compact Design:** Small overall dimensions (48 x 30 x 15 mm) allow for easy mounting in diverse settings.



Figure 3.1: Front view of the buzzer, showing the sound outlet and wiring.

This image displays the main body of the electronic buzzer, highlighting its compact black plastic casing and the attached red and black power wires. The top surface features a circular grille for sound emission.

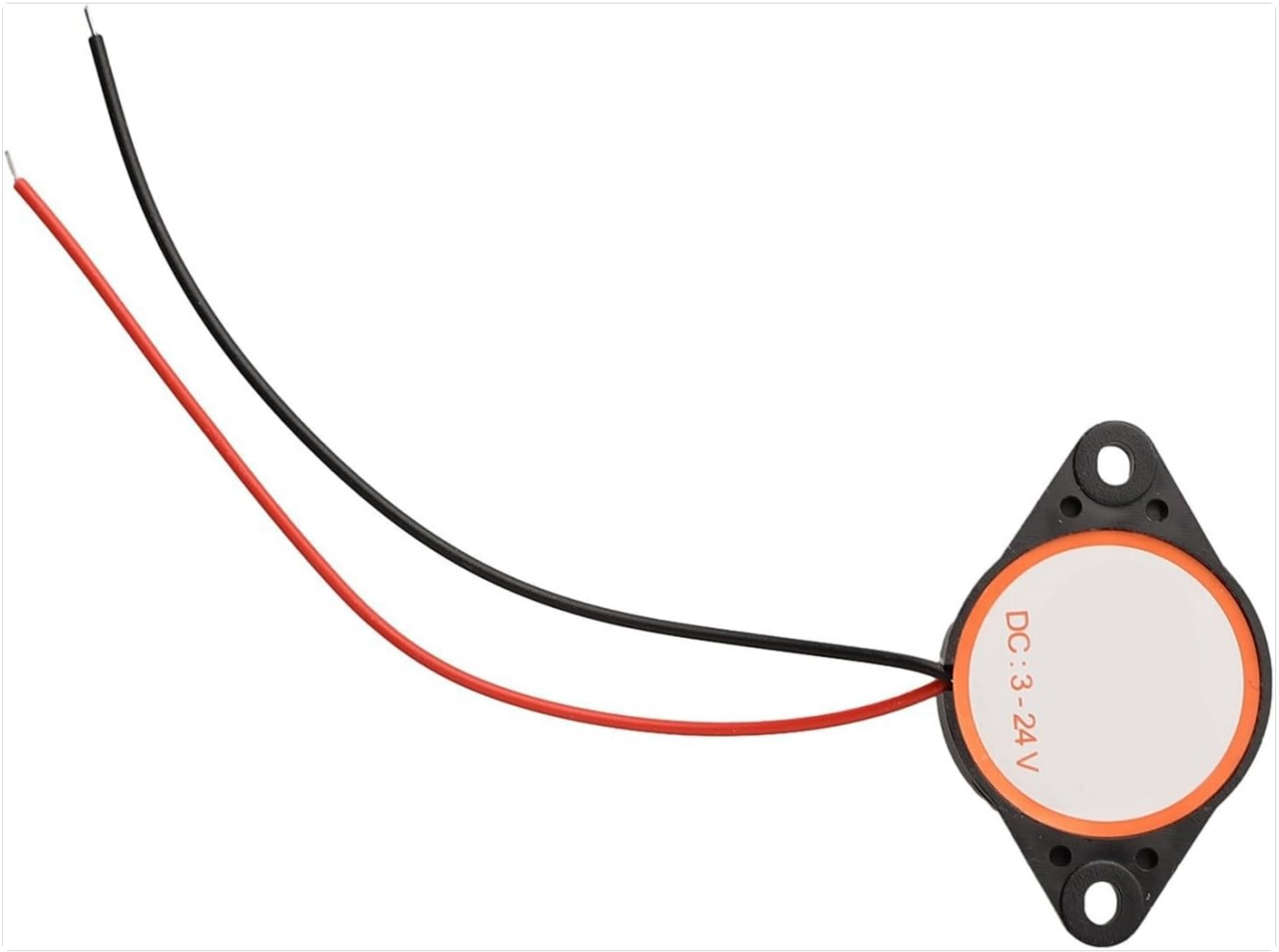


Figure 3.2: Bottom view of the buzzer with voltage specifications.

This image shows the underside of the buzzer, revealing the mounting tabs with pre-drilled holes and a label indicating the DC 3-24V operating voltage range.



Figure 3.3: Example application of the buzzer in a vehicle.

This image illustrates a potential application of the buzzer, shown in the foreground with a vehicle dashboard in the background, suggesting its use in automotive or similar industrial settings for alerts.

4. Specifications

Parameter	Value
Product Name	Electronic Buzzer
Sound Type	Continuous Sound
Rated Voltage	DC 3 – 24 V
Rated Current	15mA
Sound Pressure	100 dB

Parameter	Value
Operating Temperature	-20 °C to +45 °C
Overall Dimensions (L x W x H)	48 x 30 x 15 mm
Mounting Holes (L x W)	3.5 x 4 mm (0.14 x 0.16 inches)
Mounting Hole Distance	40 mm
Cable Length	11 cm
External Material	Plastic
Color	Black
Weight	8 g

5. Setup and Installation

Follow these steps for proper installation of the electronic buzzer:

1. **Choose a Mounting Location:** Select a stable surface where the buzzer can be securely mounted. Consider proximity to the power source and the desired audibility of the alarm.
2. **Prepare Mounting Surface:** Mark the positions for the mounting holes based on the buzzer's dimensions (40 mm distance between holes). Drill pilot holes if necessary.
3. **Secure the Buzzer:** Use appropriate screws or fasteners (not included) to attach the buzzer to the chosen surface through its mounting tabs.
4. **Wiring Connection:**
    - Identify the red wire as the positive (+) terminal and the black wire as the negative (-) terminal.
    - Connect the red wire to the positive (+) terminal of your DC power source (3-24V).
    - Connect the black wire to the negative (-) terminal of your DC power source.
    - Ensure all connections are secure and insulated to prevent short circuits.
5. **Test Functionality:** Once wired, apply power to the circuit to verify the buzzer emits a continuous sound.



Figure 5.1: Buzzer with visible mounting points.

This image provides a clear view of the buzzer from above, emphasizing the two mounting holes on its base, which are crucial for secure installation.

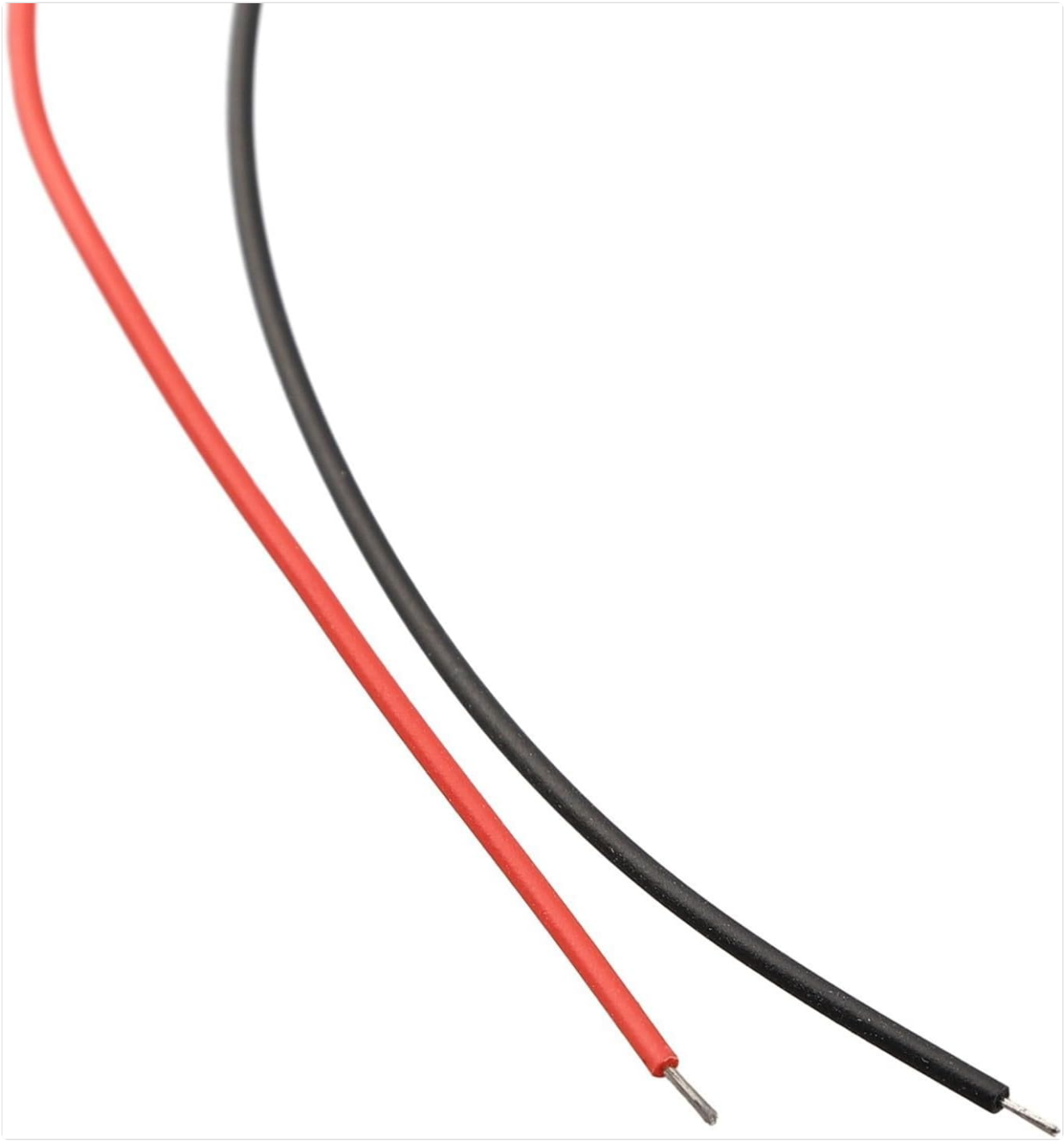


Figure 5.2: Detail of the wiring.

A close-up shot of the red and black wires, showing their stripped ends ready for connection to a power source. This highlights the simplicity of the wiring process.

6. Operating Instructions

The Getdoublerich Electronic Industrial Alarm Buzzer is designed for straightforward operation:

- The buzzer will emit a continuous sound when a DC voltage between 3V and 24V is applied to its red (positive) and black (negative) wires.
- The sound will cease when the power supply is disconnected.
- Integrate the buzzer into your control system (e.g., with a switch, sensor, or relay) to activate it under specific

conditions, such as an alarm trigger or status indication.

7. Maintenance

The electronic buzzer requires minimal maintenance:

- **Cleaning:** Periodically wipe the exterior of the buzzer with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the wiring connections for any signs of wear, corrosion, or loose contacts. Ensure the mounting is still secure.
- **Environmental Conditions:** Ensure the buzzer remains within its specified operating temperature range (-20 °C to +45 °C) and is protected from excessive moisture or direct water exposure.

8. Troubleshooting

If the buzzer is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Buzzer does not sound.	◦ No power supply. ◦ Incorrect voltage (outside 3-24V DC). ◦ Incorrect wiring polarity. ◦ Loose or faulty connections. ◦ Damaged buzzer.	◦ Verify power is supplied to the circuit. ◦ Check power supply voltage is within 3-24V DC. ◦ Ensure red wire is connected to positive, black to negative. ◦ Inspect and secure all wire connections. ◦ If all else fails, the buzzer may be faulty and require replacement.
Sound is weak or intermittent.	◦ Insufficient voltage. ◦ Partial short circuit. ◦ Obstruction of sound outlet.	◦ Ensure voltage is stable and within the optimal range (e.g., closer to 24V for maximum loudness). ◦ Check for any unintended contact between wires or components. ◦ Clear any debris or obstructions from the buzzer's sound outlet.

9. Warranty and Support

For warranty information or technical support, please refer to the seller's policy or contact Getdoublerich directly through their official channels. You can visit the Getdoublerich Store on Amazon for more information.

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