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› Jieotwice DC 12V Double-Head Vibration Motor R2838 Instruction Manual

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1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Jieotwice DC 12V Double-Head Vibration Motor, model R2838. Please read these instructions carefully before installation and operation to ensure proper function and longevity of the product.

2. PRODUCT OVERVIEW

The Jieotwice R2838 is a compact DC 12V double-head vibration motor designed for various applications, including massage beds, massage sofas, and other accessories requiring vibration. It features a robust design and operates within a speed range of 3000-4800 RPM.



Image 2.1: Front view of the Jieotwice R2838 Double-Head Vibration Motor in blue, showing the integrated DC power connector.

3. SPECIFICATIONS

Feature	Detail
Product Name	Double-Head Vibration Motor
Model	R2838
Voltage	DC 12V
Load Current	260mA (at DC 12V)
Load Speed	3000-4800 RPM
Material	Copper
Dimensions (Approx.)	90mm x 50mm x 35mm (Length x Width x Height)



Image 3.1: Top-down view of the motor with key dimensions (93mm length, 64mm width, 33mm height) indicated.



Image 3.2: Angled view of the motor in black, illustrating the dimensions for reference.

4. PACKAGE CONTENTS

The package includes the following items:

- 1 x Double-Head Vibration Motor (R2838)

5. SETUP

This motor requires a DC 12V power source. Ensure the power source is stable and provides the necessary current (at least 260mA) for optimal performance.

1. **Mounting:** Securely mount the motor to your desired application (e.g., massage bed frame, sofa) using appropriate fasteners through the mounting holes on the base. Ensure the mounting surface is stable to prevent excessive noise or damage.
2. **Power Connection:** Connect the motor's power cable to a compatible DC 12V power supply. The motor is equipped with a standard DC power connector. Ensure correct polarity if connecting directly to bare wires (red wire typically positive, black wire negative).



Image 5.1: Close-up view of the DC power connector on the motor's cable, illustrating the connection type.



Image 5.2: Bottom view of the motor, highlighting the screw holes for secure mounting.

6. OPERATING INSTRUCTIONS

Once properly installed and connected to a DC 12V power source, the motor will begin to vibrate. There are no additional controls on the motor itself. Operation is initiated by applying power and stopped by disconnecting power.



Image 6.1: The motor held in a hand, demonstrating its compact size and ease of handling.

7. MAINTENANCE

The Jieotwice R2838 vibration motor is designed for low maintenance. Follow these guidelines to ensure optimal performance:

- **Cleaning:** Keep the motor free from dust and debris. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or immerse the motor in water.
- **Inspection:** Periodically check the power cable for any signs of damage or wear. Ensure all mounting screws remain tight.
- **Environment:** Operate the motor in a dry environment, away from excessive heat or moisture.

8. TROUBLESHOOTING

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

- **No Vibration:**
 - Ensure the DC 12V power supply is connected and functioning correctly.
 - Check all power connections for secure contact.

- Verify the power supply is providing sufficient current.

- **Weak Vibration:**

- Confirm the power supply is providing a stable 12V DC.
- Ensure the motor is not obstructed or overloaded by the application.

- **Unusual Noise:**

- Check if the motor is securely mounted. Loose mounting can cause rattling.
- Inspect for any foreign objects that might be interfering with the motor's operation.

If issues persist, discontinue use and contact customer support.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Jieotwice customer service directly. Keep your purchase receipt as proof of purchase.