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Haofy Haofyig9zba53xo8056

Electric Power Recliner Motor Actuator Instruction Manual

Brand: Haofy | Model: Haofyig9zba53xo8056

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Haofy Electric Power Recliner Motor Actuator. This actuator is designed for use in various furniture applications requiring up and down movement, such as electric beds and electric sofas. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: The Haofy Electric Power Recliner Motor Actuator, showing the main motor unit, linear rod, and included fixing nails and clips.

2. Safety Information

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

- Ensure the power supply is disconnected before performing any installation, maintenance, or troubleshooting.

- Do not attempt to modify the actuator or its components.
- Keep hands and loose clothing clear of moving parts during operation.
- This product is designed for indoor use only. Avoid exposure to moisture or extreme temperatures.
- If any unusual noise, smell, or smoke is detected, immediately disconnect power and contact support.

3. Package Contents

Please verify that all items are present in the package:

- 1 x Electric Recliner Actuator Motor
- 2 x Fixing Nail
- 2 x Fixing Clip



Image 3.1: Close-up view of the two fixing clips and two fixing nails included with the motor actuator.

4. Specifications

Feature	Specification
Item Type	Electric Recliner Actuator Motor
Material	PVC + Aluminum Alloy + Stainless Steel
Gross Weight	Approx. 1754g / 61.9oz
Voltage	DC29V
Current	2.2A ~ 2A

Power	58W
Load	1000N (Push)
Speed	34mm/sec (3700/min)
Minimum Installation Distance	Approx. 127±2mm / 5.0±0.08in
Maximum Installation Distance	Approx. 357±2mm / 14.1±0.08in
Stroke	Approx. 230±2mm / 9.1±0.08in
No Load Speed	25±10%mm/s
Scope of Application	Electric Bed, Electric Sofa, etc.



Image 4.1: This image illustrates the minimum and maximum installation distances, along with the stroke length of the actuator, crucial for proper fitment.

5. Setup and Installation

Follow these steps to install the electric recliner actuator:

1. **Prepare the Furniture:** Ensure the furniture (electric bed, sofa, etc.) is stable and disconnected from any power source. Identify the mounting points for the actuator.
2. **Mount the Actuator:** Use the provided fixing nails and clips to securely attach the push rod to the designated mounting points on your furniture. Ensure the actuator is aligned correctly to allow for smooth linear movement.
3. **Connect Power:** Locate the 01 connector on the actuator's cable. Connect this to the corresponding power

source or control unit of your electric furniture. Ensure a secure connection.

4. **Test Functionality:** Once installed and connected, carefully restore power to the furniture. Test the actuator's movement using the furniture's control mechanism (e.g., remote, button). Observe for smooth operation and ensure it extends and retracts fully without obstruction.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the connection process and basic operation of the Electric Power Recliner Motor Actuator, showing how to connect the power and test its movement.

6. Operation

The Haofy Electric Power Recliner Motor Actuator operates in conjunction with your furniture's existing control system. Once installed and powered, simply use the furniture's buttons or remote control to extend or retract the actuator, thereby adjusting the position of your electric bed or sofa.

- Press and hold the "Up" or "Extend" button on your furniture's control to extend the actuator.
- Press and hold the "Down" or "Retract" button to retract the actuator.
- Release the button at any desired position to stop the movement.



Image 6.1: This image visually represents the function of the motor actuator in a recliner, showing the upward movement of the chair.

7. Maintenance

To ensure the longevity and optimal performance of your actuator, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the exterior of the actuator with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the cables and connections for any signs of wear, fraying, or damage. Ensure all mounting points remain secure.
- **Lubrication:** The internal components are pre-lubricated and generally do not require additional lubrication. If unusual friction or noise occurs, consult a qualified technician.
- **Storage:** If storing the furniture for an extended period, ensure the actuator is in a fully retracted position and disconnected from power.

8. Troubleshooting

If you encounter issues with your Haofy Electric Power Recliner Motor Actuator, refer to the following common problems and solutions:

- **Actuator does not move:**
  - Check if the power cable is securely connected to both the actuator and the power source.
  - Verify that the power outlet is functional.
  - Ensure the furniture's control unit (buttons/remote) is working correctly.
- **Movement is jerky or slow:**
  - Check for any obstructions preventing smooth movement of the actuator or furniture mechanism.
  - Ensure the actuator is not overloaded beyond its specified load capacity (1000N).
  - Inspect for any loose connections or damaged cables.
- **Unusual noise during operation:**
  - Verify that the actuator is securely mounted and not vibrating against other components.
  - Check for any foreign objects caught in the mechanism.
  - If the noise persists, discontinue use and contact customer support.

If the problem persists after attempting these solutions, please contact Haofy customer support.

9. Warranty and Support

For warranty information, returns, or technical assistance, please refer to your purchase documentation or contact Haofy customer support directly. You can typically find contact details on the official Haofy website or through the retailer where you purchased the product.

Haofy Customer Service:

Visit the Haofy Store on Amazon for more information and support resources.

Refer to your product packaging or included documentation for specific warranty terms and contact methods.

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