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Olideauto SD300

Olideauto SD300 Automatic Linear Chain Window Actuator Instruction Manual

Model: **SD300** | Brand: **Olideauto**

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Olideauto SD300 Automatic Linear Chain Window Actuator. Please read this manual thoroughly before installation and use to ensure proper function and safety. This device is designed to automate the opening and closing of various window types, offering convenience and improved air circulation.



Image 1.1: The Olideauto SD300 Automatic Linear Chain Window Actuator.

2. SAFETY INFORMATION

Adherence to these safety guidelines is crucial for preventing injury and damage to the product.

- Always disconnect power to the unit before performing any installation, maintenance, or troubleshooting.
- Ensure all electrical wiring is performed by a qualified electrician if you are not confident in your abilities.

- Keep hands, clothing, and other objects clear of the moving chain and window during operation to avoid pinching or entanglement.
- Do not attempt to modify the actuator or its components. Unauthorized modifications can lead to malfunction and void the warranty.
- This device is intended for window automation only. Do not use it for purposes other than its intended design.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Olideauto SD300 Electric Chain Window Opener Unit
- Mounting Brackets (various types for different installations)
- Receiver Unit
- Remote Control
- Installation Screws and Fasteners

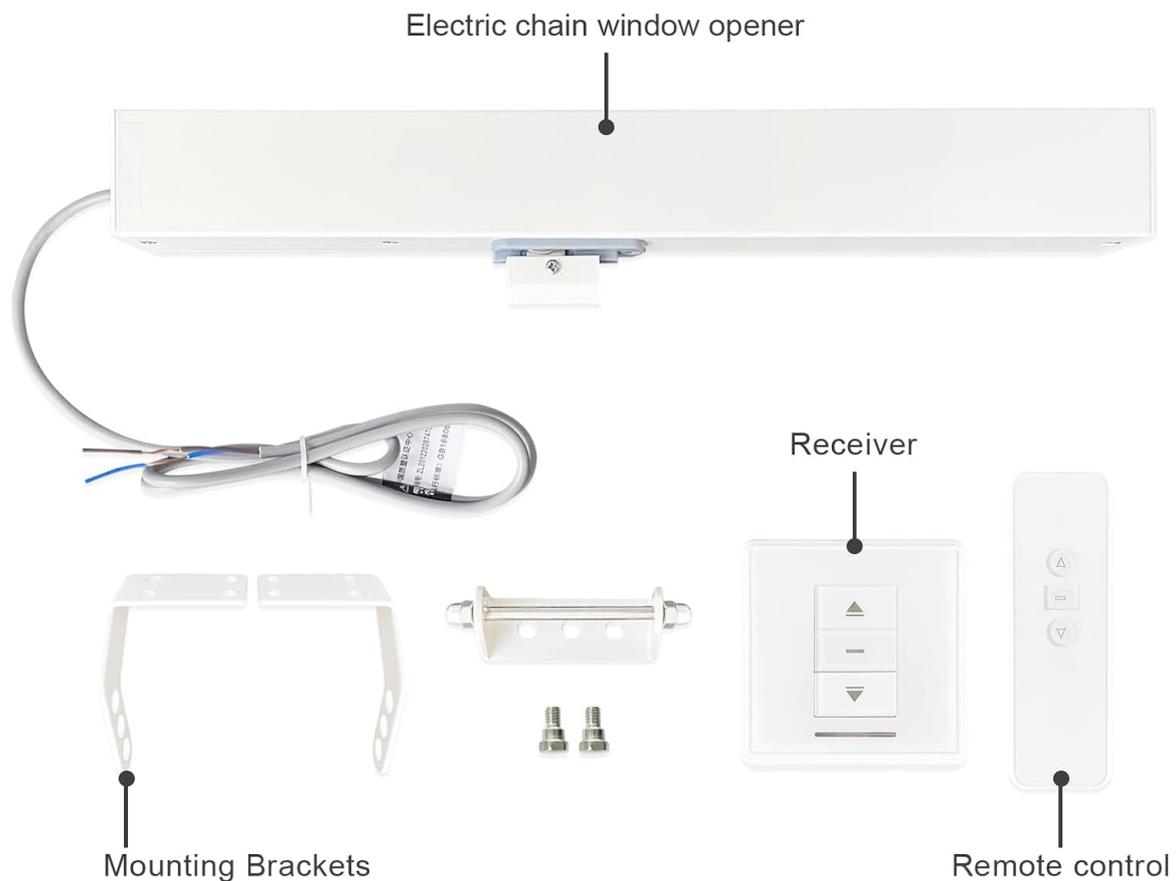


Image 3.1: All components included in the package: the main electric chain window opener unit, two types of mounting brackets, a receiver unit, and a remote control.

4. SPECIFICATIONS

Feature	Specification
Model Number	SD300
Travel Distance	11-4/5 inches (300mm)
Product Dimensions	16.53 x 2.05 x 1.57 inches
Material	Aluminum
Color	White
Exterior Finish	White
Installation Type	Screw-In
UPC	763891905396

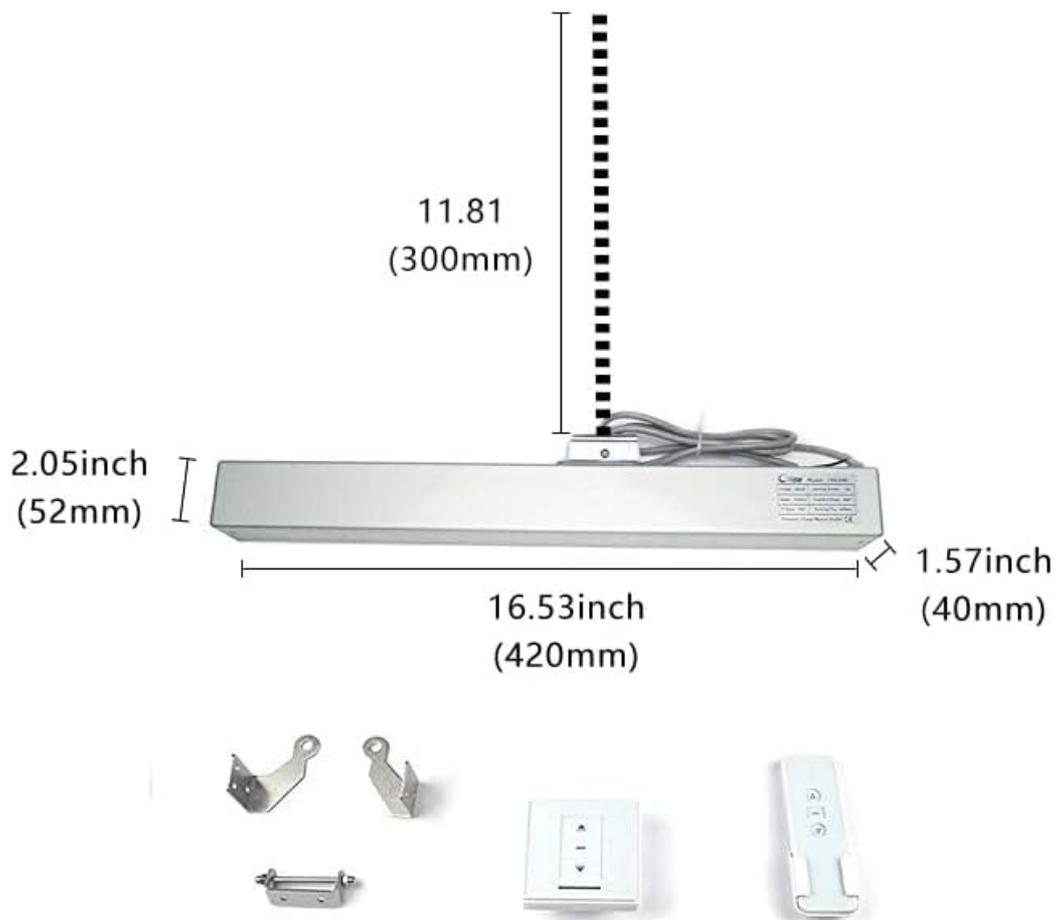


Image 4.1: Diagram illustrating the dimensions of the Olideauto SD300 actuator, including its length, width, and height, along with the 11.81 inch (300mm) chain travel distance.

5. INSTALLATION

Follow these steps for proper installation of your Olideauto SD300 window actuator.

5.1 Mounting the Actuator

1. Determine the optimal mounting position on your window frame. The actuator can be installed in

various configurations (horizontal push, upper hanging, middle hanging, lower hanging, skylight).

2. Secure the appropriate mounting brackets to the window frame using the provided screws. Ensure the brackets are firmly attached and level.
3. Attach the actuator unit to the mounted brackets. Make sure the chain mechanism aligns correctly with the window sash.
4. Connect the end of the chain to the window sash using the provided fasteners. Ensure a secure connection that allows for smooth window movement.



Image 5.1: The Olideauto SD300 actuator mounted horizontally on a window frame, with its chain extended to push open a casement window.



Image 5.2: A series of diagrams demonstrating the versatility of the Olideauto actuator, showing how it can be installed on various window configurations such as side-hung, top-hung, bottom-hung, and skylight windows.



Image 5.3: This image displays multiple examples of the Olideauto actuator successfully installed on different skylight windows, highlighting its use in overhead applications.

5.2 Electrical Wiring

The SD300 actuator operates on DC24V, converted from AC100-240V by the included transformer/receiver. Refer to the wiring diagram below for correct connections.

pressed, it will open to its full extent without stopping unless the 'Down' button is pressed.

Your browser does not support the video tag.

Video 6.1: This video illustrates how to operate the Olideauto automatic window opener using its remote control, showing the window opening and closing in response to remote commands.

6.2 Using a Wired Switch

If a wired switch is connected to the receiver, its operation will typically mirror the remote control, with dedicated buttons for opening and closing the window.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your window actuator.

- **Cleaning:** Keep the actuator housing clean and free of dust, dirt, and debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the chain, mounting points, and wiring for any signs of wear, damage, or loose connections.
- **Lubrication:** The chain and internal components are pre-lubricated. Do not apply additional lubricants unless specifically instructed by Olideauto support.
- **Obstructions:** Ensure the window path remains clear of any obstructions that could impede the actuator's movement.

8. TROUBLESHOOTING

If you encounter issues with your Olideauto SD300 actuator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Actuator not responding to remote control/switch	No power to the unit; Remote control batteries are dead; Loose wiring connection; Receiver malfunction.	Check power supply to the receiver; Replace remote control batteries; Inspect all wiring connections; Contact support if issue persists.
Window not opening/closing fully	Obstruction in window path; Incorrect installation/alignment; Actuator malfunction.	Remove any obstructions; Verify correct installation and alignment of the actuator and chain; Contact support. Note: Travel distance is fixed at 11.81 inches (300mm).
Unusual noises during operation	Foreign object in chain mechanism; Worn components; Misalignment.	Inspect the chain for any foreign objects and remove them; Check for loose mounting points; Contact support if noises persist.

9. WARRANTY AND SUPPORT

Olideauto products purchased via Amazon typically carry a **2-year warranty**. For specific warranty details, claims, or technical support, please contact Olideauto customer service directly.

You can find more information and contact details by visiting the official Olideauto Store: [Olideauto Store on Amazon](#).