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Rollerhouse EYB25-1.1/28-US

Rollerhouse 12V DC Reloadable Battery Tube/Wand Motor User Manual

Model: EYB25-1.1/28-US | **Brand:** Rollerhouse

1. Product Overview

The Rollerhouse 12V DC Reloadable Battery Tube/Wand Motor is designed to power roller shades, offering a convenient and wireless solution for motorized window coverings. This system operates on 12V DC power, utilizing AA alkaline batteries housed within a reloadable tube/wand. It is controlled via a remote, providing effortless adjustment of your shades.

Key features include wand-controlled operation, compatibility with various motorized window coverings, and flexible mounting options for the battery wand.



Figure 1.1: Main components of the Rollerhouse Battery Tube/Wand Motor system, including the motor, battery wand, remote control, and mounting brackets.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x 12V DC Roller Shade Motor
- 1 x Reloadable Battery Tube/Wand
- Removable End Caps for Battery Wand
- Battery Wand Clips (for mounting)
- 1 x Remote Control

Note: 8 AA Alkaline Batteries are required and are not included in the package.

3. Setup and Installation

3.1 Battery Installation

1. Remove the end caps from the reloadable battery tube/wand.
2. Insert 8 AA alkaline batteries into the tube, ensuring correct polarity (+/-) as indicated inside the tube.
3. Replace the end caps securely.

3.2 Motor and Battery Wand Mounting

The motor is designed to integrate into your roller shade's tube. The battery wand can be mounted using the provided clips.

- **Motor Integration:** Slide the motor into the roller shade tube. Ensure it is securely seated.
- **Battery Wand Mounting:** The battery wand can be clipped to the head rail of your shade, or mounted to a wall or ceiling using the white battery wand clips. Choose a location that allows for easy access for battery replacement.



Figure 3.1: Example of a motorized shade system with the battery wand mounted above the shade.



Figure 3.2: Installation of a window shade, demonstrating the process of fitting the shade into the window frame.

3.3 Pairing with Remote Control

After installation, the motor needs to be paired with the remote control. Specific pairing instructions may vary slightly depending on the remote model. Generally, this involves a sequence of button presses on the motor (often a small program button) and the remote. Refer to the remote control's specific manual for detailed pairing steps.

4. Operating Instructions

The Rollerhouse motor is operated using the provided remote control.

4.1 Basic Operation

- **Up Button:** Press to raise the shade.
- **Down Button:** Press to lower the shade.
- **Stop Button:** Press to stop the shade at any desired position.



Figure 4.1: Operating motorized shades with the remote control.

4.2 Advanced Features

Depending on your remote and motor model, additional features may include:

- **Program Button:** Used for setting limits or pairing.
- **Scene Control:** Program specific shade positions for quick recall.
- **Jog Mode:** Fine-tune shade position with small adjustments.
- **Smartphone Control:** Possible with an optional compatible smart home hub (e.g., for Amazon Alexa or Google Home integration).



Figure 4.2: The system supports IR and RF control, and can be integrated with Wi-Fi smart home systems like Amazon Alexa and Google Home via a compatible hub (sold separately).

4.3 Battery Life

A single set of AA alkaline batteries typically lasts 3-6 months to a year. Actual battery life will vary based on the size of your shade and the frequency of use.

5. Maintenance

5.1 Cleaning

The motor and battery wand components should be spot cleaned only. Use a soft, dry cloth to wipe away dust or debris. Do not use abrasive cleaners or immerse components in water.

5.2 Battery Replacement

When the motor's performance degrades (e.g., slower operation, reduced range), it is likely time to replace the batteries. Follow the battery installation steps in Section 3.1 to replace the 8 AA alkaline batteries.

6. Troubleshooting

If you encounter issues with your Rollerhouse motor, please refer to the following common troubleshooting steps:

- **Motor Not Responding to Remote:**
    - Check if the remote control's batteries are functional.
    - Ensure the motor's batteries are correctly installed and have sufficient charge.

- Attempt to re-pair the motor with the remote control (refer to Section 3.3).
- Ensure there are no obstructions between the remote and the motor's receiver.

- **Shade Not Moving Smoothly or Stopping Unexpectedly:**
  - Check the battery level in the wand. Low batteries can cause intermittent operation.
  - Inspect the shade for any physical obstructions or binding that might prevent smooth movement.
  - Verify that the motor is securely seated within the shade tube.
- **Motor Making Unusual Noises:**
  - This could indicate an issue with the motor or an obstruction. Discontinue use and inspect the shade and motor for any visible problems.

If these steps do not resolve the issue, please contact Rollerhouse customer support for further assistance.

7. Specifications

The following table outlines the key specifications for the Rollerhouse 12V DC Reloadable Battery Tube/Wand Motor (Model: EYB25-1.1/28-US):

Feature	Specification
Model Number	EYB25-1.1/28-US
Material	Plastic, Metal
Product Dimensions	17"L x 4"W
Color	Red
Recommended Uses	Battery wand roller shade motor kit Integration for Blinds, Shades of sheer horizontal blinds, roller&roman window shades, mini blinds
Specific Uses	Window
Operation Mode	Manual (via remote)
Special Feature	Flexible Battery-Powered Motorization
Included Components	Battery tube/wand, removable end caps, and battery wand clips
Item Weight	1.64 Pounds
Product Care Instructions	Spot Clean Only
Mounting Type	Wall Mount or Ceiling Mount
Water Resistance Level	Not Water Resistant

Feature	Specification
Control Type	Remote-controlled
Manufacturer	Rollerhouses
UPC	630282562752
Batteries Required	8 AA Alkaline Batteries (not included)

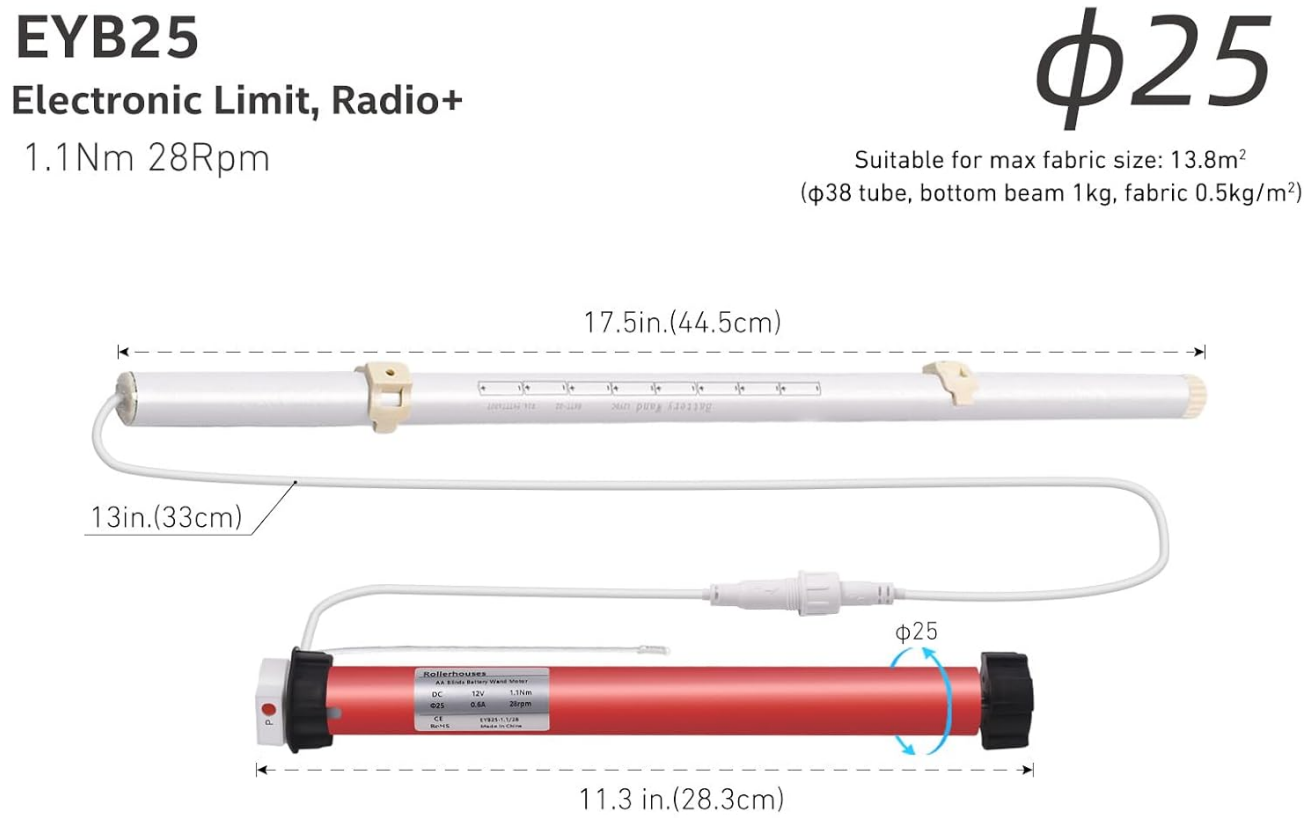


Figure 7.1: Detailed dimensions and technical specifications of the EYB25 motor and battery wand.

8. Warranty and Support

For warranty information or technical support, please contact Rollerhouse customer service. Keep your purchase receipt and model number (EYB25-1.1/28-US) readily available when contacting support.

You can typically find contact information on the Rollerhouse official website or through the retailer where you

purchased the product.

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