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› Rollerhouse 25mm Roller Shade Motor Instruction Manual

Rollerhouse 612289935760

Rollerhouse 25mm Roller Shade Motor Instruction Manual

Motorized Systems for Interior Shades: Radio, Wireless, Quiet, Compatible with 1 inch Shade Tube

1. PRODUCT OVERVIEW

The Rollerhouse 25mm Roller Shade Motor provides a convenient and modern solution for automating your window shades. Designed for quiet operation and wireless control, this motor is compatible with 1-inch shade tubes and can be integrated with various smart home systems for enhanced convenience and child safety.

2. INCLUDED COMPONENTS

Your Retrofit window shade smart motor package includes the following items:

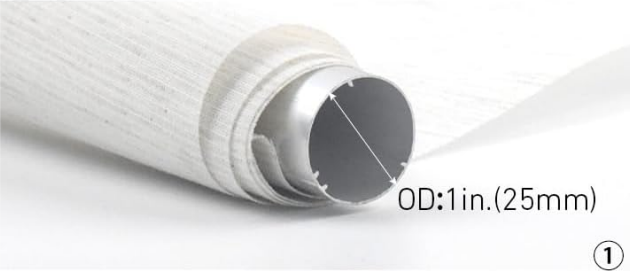
- 1x Mini Blind Motor
- 1x Drive Wheels for 1-inch tube
- 1x Remote Control
- 1x 8.4V Charging Adapter
- 1x Roller Blind Hardware (25mm shade bracket)
- 25mm/28mm rubber fittings



Figure 1: Rollerhouse 25mm Roller Shade Motor and included accessories.

Mini Shade Motor

Compatible with
1in.(25mm) Shade Tube



①

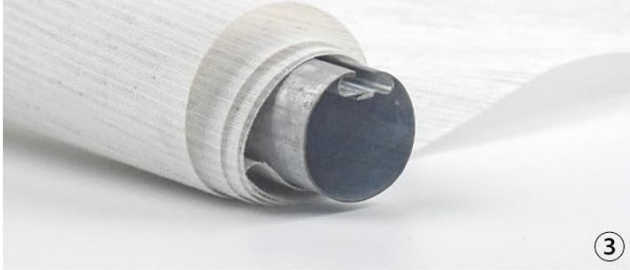
Dimensions-in,(mm)



Performances	
Voltage	7VDC 0.6A
Torque	0.3Nm
Speed	28rpm
Radio Frequency	433.32MHZ
Packing Included	Battery shade motor, remote, plug charger, bracket, 1&1-1/8in Crown and drive,



②



③



④



⑤

Figure 2: Detailed view of the motor, remote, charger, and brackets.

3. SPECIFICATIONS

Feature	Detail
Brand	Rollerhouse
Model Number	612289935760
Material	Plastic, Metal
Product Dimensions	21"L x 78"W (Shade)
Color	Red (Motor)
Recommended Uses	Indoor, Home Décor
Operation Mode	Automatic
Size Compatibility	Compatible for 1in (25mm) OD shade tube
Control Type	Remote
Item Weight	1.25 Pounds
Water Resistance Level	Not Water Resistant

4. SETUP AND INSTALLATION

Follow these steps to install your Rollerhouse motor into an existing roller shade:

1. **Prepare the Shade:** Unclip your existing blind and carefully remove its chain drive mechanism.
2. **Measure Shade Tube:** Accurately measure the Inner Diameter (ID) and Outer Diameter (OD) of your shade tube to ensure compatibility with the motor and its adapters.
3. **Insert the Motor:** Gently slide the motor into the shade tube. Ensure the charging port and setting button are facing downwards for easy access.
4. **Secure the Motor:** Attach the appropriate drive wheel and crown adapters to the motor head, ensuring a perfect fit with your shade tube's internal ribs or grooves.
5. **Reinstall Shade:** Mount the motorized shade back into its brackets.

Details&Specifications

Quiet Operation



- Effortless and remote radio control
- Quick and Clean Installtion with no damage to walls
- Rechargeable battery typical recharge
- Two times per day lift
Recharged once every 3-6 months

Figure 3: Shade tube compatibility guide.

OD 1In./25mm tube blinds

Mini blind motor

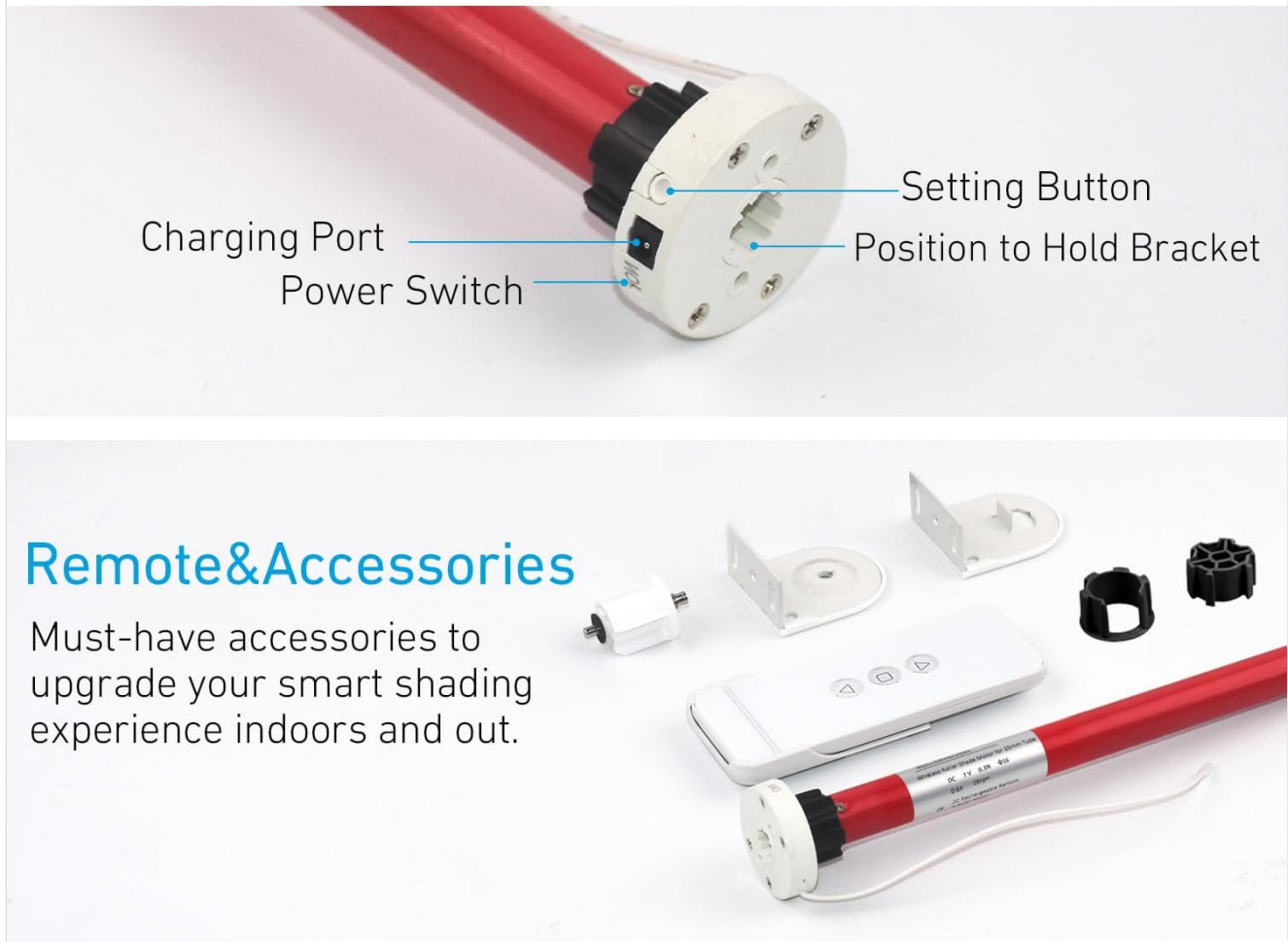


Figure 4: Motor components and access points.

Video 1: DIY Retrofit Solutions for Automating Window Coverings. This video demonstrates the process of converting manual shades to motorized ones.

Video 2: How to get the C-clip off to replace the crown and adapters. This video provides detailed instructions for disassembling the motor head for adapter replacement.

Video 3: What Kind of 1-inch Shade Tube in the Window Shade Market. This video helps identify the correct shade tube type for motor compatibility.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Pairing and Limit Setting

To program your remote and set the upper and lower limits for your shade:

1. **Pairing:** Press the setting button on the motor head until the blind jogs once. Then, press the confirm (C) button on the back of your remote. The blind will jog again, indicating successful pairing.
2. **Set Upper Limit:** Use the remote's up/down buttons to move the shade to your desired upper position. Once there, press the confirm (C) button on the back of the remote. The blind will jog, confirming the upper limit is set.
3. **Set Lower Limit:** Use the remote's up/down buttons to move the shade to your desired lower position. Once there, press the confirm (C) button on the back of the remote. The blind will jog, confirming the lower limit is set.

set.

Video 4: How To Program The Remote To Operate Motorized Blinds. This video provides a step-by-step guide for remote programming and limit setting.

5.2 Smart Home Integration

The Rollerhouse motor can be integrated with smart home systems like Alexa and Google Assistant using a compatible Wi-Fi IR+RF Remote Control hub (sold separately).



Figure 5: Smart home compatibility overview.

Video 5: How to connect RF Shade Motor to an RF hub such as Broadlink. This video guides you through connecting your motor to a smart hub.

6. MAINTENANCE

To ensure optimal performance and longevity of your Rollerhouse motor:

- **Charging:** Recharge the motor battery using the provided 8.4V charging adapter. A full charge typically takes

5-6 hours. Depending on usage (e.g., two times per day lift), the battery can last 3-6 months.

- **Cleaning:** Spot clean the motor and shade as needed. Avoid submerging the motor in water.

7. TROUBLESHOOTING

If you encounter issues with your Rollerhouse motor, consider the following:

- **Motor Not Responding:** Ensure the motor is charged. Check if the remote control battery is functional. Repair the remote with the motor if necessary (refer to Section 5.1).
- **Incorrect Direction:** If the shade moves in the opposite direction when pressing up/down, you can reverse the motor direction. Press and hold both the Limit (L) button and the Stop button on the remote simultaneously until the blind jogs, indicating the direction has been reversed.
- **Limits Not Setting:** Ensure the motor is fully charged. Perform a limit reset by pressing the C button on the back of the remote 3 times; the motor will jog twice, indicating the previous limits are deleted. Then, re-set the upper and lower limits as described in Section 5.1.

8. WARRANTY AND SUPPORT

Rollerhouse stands by the quality of its products. Your purchase is covered by a 30-day refund/replacement return policy. For any questions, technical assistance, or support, please contact our friendly customer service team. We are committed to providing solutions and ensuring your satisfaction.

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