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somfy LT50 535R2 Sunea RTS CMO

Somfy LT50 535R2 Sunea RTS CMO Motor User Manual

Model: LT50 535R2 Sunea RTS CMO (Product Code: 1116266)

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Somfy LT50 535R2 Sunea RTS CMO motor. Please read these instructions carefully before proceeding with installation or use. Retain this manual for future reference.

2. Safety Information

- **Electrical Safety:** Installation and wiring must be performed by a qualified electrician in accordance with all local and national electrical codes. Disconnect power before performing any service or maintenance.
- **Intended Use:** This motor is designed for specific applications as indicated by Somfy. Do not use for purposes other than those specified.
- **Accessories:** Use only Somfy-approved accessories. Non-approved accessories may void the warranty and pose safety risks.
- **Children and Pets:** Keep children and pets away from operating motorized systems.

3. Setup and Installation

3.1 Unpacking

Carefully remove the motor from its packaging. Inspect for any signs of damage during transit. Do not install damaged components.

3.2 Component Overview



Image: Close-up of the motor's drive end. This section connects to the crown and drive for the application.

3.3 Installation Steps

1. **Prepare the Mounting Location:** Ensure the mounting surface is structurally sound and capable of supporting the motor and the application it will drive.
2. **Attach Crown and Drive:** The crown and drive accessories (not included) must be correctly fitted onto the motor shaft. Refer to the specific instructions for your application's crown and drive.
3. **Mount the Motor:** Secure the motor using appropriate mounting plates or brackets (not included). Ensure the motor is level and properly aligned.
4. **Electrical Connection:** Connect the motor to a 120V power supply. The motor includes a cord for connection. All electrical work must comply with local codes and be performed by a qualified professional.
5. **Limit Setting:** After physical installation and wiring, set the upper and lower limits of the motor's travel. Refer to the specific instructions for your RTS control device for limit setting procedures.

4. Operating Instructions

The Somfy LT50 535R2 Sunea RTS CMO motor operates using Radio Technology Somfy (RTS). It requires an RTS transmitter (remote control, wall switch, or other RTS device) for operation.

- **Up/Open:** Press the 'UP' button on your RTS transmitter to move the application upwards or to open it.
- **Down/Close:** Press the 'DOWN' button on your RTS transmitter to move the application downwards or to close it.
- **Stop/My:** Press the 'MY' button to stop the application at any desired position or to recall a pre-programmed 'my' favorite position.
- **Programming:** Refer to your specific RTS transmitter's instructions for programming the motor, including adding/deleting transmitters and setting 'my' positions.

5. Maintenance

The Somfy LT50 535R2 Sunea RTS CMO motor is designed for minimal maintenance. However, periodic checks are recommended.

- **Cleaning:** Keep the motor and surrounding area free from dust and debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the motor and its connections for any signs of wear, damage, or loose wiring. If any issues are found, disconnect power and contact a qualified technician.
- **Lubrication:** The motor is factory-lubricated and does not require additional lubrication.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Motor does not respond to transmitter.	No power to motor, transmitter battery low, motor not programmed to transmitter.	Check power supply. Replace transmitter battery. Program motor to transmitter (refer to transmitter manual).
Motor runs but application does not move.	Crown or drive not properly installed or damaged.	Inspect crown and drive for proper fit and damage. Reinstall or replace if necessary.
Motor stops prematurely or does not reach limits.	Limits incorrectly set, obstruction.	Reset motor limits (refer to transmitter manual). Check for any physical obstructions.

If the problem persists after attempting these solutions, contact Somfy customer support or a qualified technician.

7. Specifications

- **Model:** LT50 535R2 Sunea RTS CMO
- **Product Code:** 1116266
- **Torque:** 35 Nm (308 in.lbs)
- **Speed:** 20 rpm
- **Voltage:** 120V
- **Technology:** Radio Technology Somfy (RTS)
- **Cord:** Included
- **Accessories:** Crown, drive, mounting plate, etc., are not included.

8. Warranty Information

This Somfy motor comes with a**5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, unauthorized modifications, or natural disasters.

9. Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Somfy customer support. Visit the official Somfy website for contact information and additional resources.

Somfy Website: www.somfy.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

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