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Hörmann Liftronic 700-2

Hörmann Ecostar Liftronic 700-2 Garage Door Motor Instruction Manual

Model: Liftronic 700-2 | Brand: Hörmann

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Hörmann Ecostar Liftronic 700-2 garage door motor. Please read these instructions carefully before beginning installation or operation to ensure proper function and safety.

The Hörmann Ecostar Liftronic 700-2 is designed for both tilting and sectional garage doors, offering a pulling force of 700 N and suitable for doors up to 11.25 m².

2. SAFETY INSTRUCTIONS

- **General Safety:** Always ensure the garage door area is clear of people and obstructions before operating the motor.
- **Installation Safety:** Installation should be performed by qualified personnel. Disconnect power before any installation or maintenance work.
- **Emergency Release:** Familiarize yourself with the emergency release mechanism. This allows manual operation of the door during power outages.
- **Children and Pets:** Keep remote controls out of reach of children. Do not allow children or pets to play near the garage door.
- **Obstacle Detection:** The motor features an automatic stop function. However, regularly test this feature to ensure it functions correctly.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x Garage Door Motor Unit
- 2 x RSC 4 Handheld Transmitters

- 1 x PB 1 Internal Push-Button
- 1 x Emergency Release Kit (with lock cylinder, keys, and pull rope)
- Mounting Accessories (screws, wall plugs)
- Guide Rail Assembly



Image: The PB 1 internal push-button for wall mounting, including connection cable and screws for installation.



Image: The emergency release kit, featuring a lock cylinder with keys and a pull rope, allows manual operation of the garage door from the outside during power outages.

4. SETUP AND INSTALLATION

The Liftronic 700-2 motor is designed for easy installation on both tilting and sectional garage doors. The flat guide rail, measuring only 30 mm, ensures compatibility with most common garage doors, making it suitable for renovation projects.

4.1. Guide Rail Assembly

The guide rail comes in multiple sections. Lay all sections on a flat, level surface (e.g., garage floor) during assembly to ensure proper alignment and tensioning of the drive belt. The sections are connected by hinges; handle with care during assembly.



Image: The main motor unit and the multi-part guide rail assembly for the garage door opener.

4.2. Motor and Rail Mounting

- Mount the guide rail to the ceiling using the provided mounting accessories. Ensure the rail is level and securely fastened.
- Attach the motor unit to the guide rail.
- If there is insufficient space between the top edge of the door and the bottom edge of the lintel, the console may need to be mounted in front of the lintel. In such cases, a longer door arm extension (not included) may be required.

4.3. Emergency Release Installation

Install the emergency release mechanism according to the separate instructions provided with the kit. This allows you to manually unlock and open the garage door from the outside in case of a power failure.

4.4. Electrical Connection

The motor unit comes with an approximately 1-meter long cable with a Euro plug. Connect the motor to a suitable power outlet. For permanent wiring, ensure it is done by a qualified electrician.

5. OPERATING INSTRUCTIONS

5.1. Initial Learning Process

After installation and power connection, the motor needs to learn the 'Open' and 'Closed' positions of your garage door. Refer to the detailed manual for specific steps on initiating this learning process. This typically involves pressing a small button on the motor's circuit board (behind a service flap).

5.2. Remote Control (RSC 4) Programming

To program the RSC 4 handheld transmitters:

- Access the programming button on the motor unit (usually a small button on the circuit board, behind a service cover).
- Press and hold the programming button until the indicator light changes.
- Press the desired button on your RSC 4 transmitter. The indicator light on the motor should confirm successful pairing.
- Test the remote control operation.



Image: One of the two included RSC 4 handheld transmitters for remote operation of the garage door.

5.3. Internal Push-Button (PB 1)

The PB 1 internal push-button can be hardwired to the motor unit for convenient operation from inside your garage. Connect it to the designated terminals behind the service flap on the motor.

5.4. Automatic Stop Feature

The EcoStar drives incorporate a secure automatic stop feature. If the garage door encounters an unexpected obstacle during opening or closing, the motor will automatically stop, preventing damage or injury. Regularly test this safety feature by placing a soft object in the door's path.

5.5. Emergency Operation During Power Failure

In the event of a power outage, the garage door motor can be manually operated using the emergency release. Pull the emergency release handle (connected to the rope) to disengage the motor from the door, allowing you to open or close it by hand.

6. MAINTENANCE

To ensure long-term, reliable operation of your Hörmann Ecostar Liftronic 700-2, regular maintenance is recommended:

- **Visual Inspection:** Periodically check all moving parts, cables, and mounting hardware for signs of wear, damage, or loose connections.
- **Lubrication:** Lubricate moving parts of the garage door (hinges, rollers, springs) as recommended by your garage door manufacturer. Do not lubricate the motor's drive belt.
- **Safety Feature Test:** Regularly test the automatic stop feature and the emergency release mechanism.
- **Cleaning:** Keep the motor unit and guide rail clean from dust and debris.

For detailed maintenance schedules and procedures, please refer to the complete manufacturer's manual.

7. TROUBLESHOOTING

If you encounter issues with your garage door motor, consider the following basic troubleshooting steps:

- **Motor Not Responding:** Check the power supply. Ensure the motor is plugged in and the circuit breaker has not tripped.
- **Remote Control Not Working:** Check the battery in the remote control. Reprogram the remote control if necessary. Ensure there are no obstructions blocking the signal.
- **Door Stops Unexpectedly:** Check for any physical obstructions in the door's path. The automatic stop feature may have been activated.
- **Unusual Noises:** Inspect the garage door's moving parts for wear or damage. Ensure all mounting hardware is secure.

For more complex issues or if troubleshooting steps do not resolve the problem, please consult the full manufacturer's manual or contact customer support.

8. SPECIFICATIONS

Model	Liftronic 700-2 (Special Edition)
Pulling and Pushing Force	700 N
Opening Speed	165 cm/s
Max. Door Surface Area	11.25 m ²

Frequency	433 MHz rolling code
Lighting Power	Less than 1 W
Product Dimensions (L x W x H)	117 x 26 x 26 cm
Weight	13.2 kg
Manufacturer Reference	4511089
Color	Black
Material	Metal
Special Features	Emergency Release

9. WARRANTY AND SUPPORT

9.1. Warranty Information

For specific warranty terms and conditions, please refer to the warranty documentation provided with your product or visit the official Hörmann website. Keep your proof of purchase for warranty claims.

9.2. Customer Support

If you require further assistance, technical support, or have questions not covered in this manual, please contact Hörmann customer service. Contact details can typically be found on the manufacturer's website or in the product packaging.