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## Somfy GDK 700 (2401440)

# Somfy GDK 700 RTS Garage Door Opener Instruction Manual

Model: GDK 700 (2401440)

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Somfy GDK 700 RTS Garage Door Opener. Please read these instructions carefully before beginning installation or use, and retain them for future reference. This system is designed to motorize sectional or tilting garage doors, enhancing convenience and security.



Image: The Somfy GDK 700 RTS Garage Door Opener installed, showing the motor unit and rail system above an open garage door.

## 2. SAFETY INFORMATION

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**WARNING:** Improper installation or use can lead to serious injury or property damage. Always follow these safety guidelines:

- Ensure the garage door is balanced and in good working condition before installing the opener.
- Disconnect power to the garage door opener before performing any maintenance or repairs.
- Keep children and pets away from the garage door area, especially when the door is in motion.
- Do not allow children to operate the garage door opener or play with remote controls.
- Install the wall control button out of reach of children and away from all moving parts of the door.
- Regularly inspect the garage door system for wear and tear, including cables, springs, and rollers.
- The GDK 700 is equipped with obstacle detection. Test this feature regularly to ensure it functions correctly.

### 3. PACKAGE CONTENTS

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Verify that all components are present in your package:

- Somfy GDK 700 Motor Unit
- Rail Assembly (chain or belt drive)
- 2 x Keypop Remote Controls
- Mounting Hardware (brackets, screws, bolts)
- Curved Door Arm
- Power Cable
- Instruction Manual (this document)



Image: The retail packaging for the Somfy GDK 700 RTS Garage Door Opener, displaying the product and its features.

### 4. SETUP AND INSTALLATION

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Installation of the Somfy GDK 700 RTS Garage Door Opener requires basic mechanical and electrical skills. If you are unsure about any step, consult a qualified professional.

#### 4.1 Pre-Installation Checks

1. **Door Balance:** Ensure your garage door is properly balanced. When disconnected from the opener, the door should stay open at any point of travel.
2. **Clearance:** Verify sufficient headroom and side clearance for the motor unit and rail assembly.
3. **Power Supply:** A grounded electrical outlet (230V) must be available within 1 meter of the motor unit's intended location.

## 4.2 Mounting the Rail and Motor

The rail assembly connects to the header bracket above the garage door and is suspended from the ceiling. The motor unit attaches to the other end of the rail.

1. Assemble the rail sections according to the detailed diagrams in the separate installation guide.
2. Attach the header bracket securely to the wall above the center of the garage door.
3. Connect the rail to the header bracket.
4. Mount the motor unit to the rear end of the rail.
5. Securely suspend the rail and motor unit from the garage ceiling using the provided hanging brackets and hardware. Ensure the rail is level and rigid.



Image: A person is shown securing the Somfy GDK 700 motor unit to the ceiling mounting bracket using a screwdriver.

## 4.3 Electrical Connection

Once the motor and rail are securely mounted, connect the power cable to a grounded 230V outlet. Do not connect power until all mechanical installation is complete.



Image: A hand is shown plugging the power cord of the Somfy GDK 700 RTS Garage Door Opener into a wall socket.

#### 4.4 Programming Remote Controls and Limit Switches

Refer to the detailed programming section in your separate installation guide for specific steps on:

- Setting the open and close limit positions for your garage door.
- Pairing the Keypop remote controls with the GDK 700 motor unit.
- Testing the safety reversal system (obstacle detection).

## 5. OPERATING INSTRUCTIONS

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The Somfy GDK 700 RTS Garage Door Opener can be operated using the provided Keypop remote controls or compatible Somfy wall switches and smart home systems.

### 5.1 Using Keypop Remote Controls

Each Keypop remote control has buttons to open, close, and stop the garage door.

- Press the designated button once to open or close the door.
- Press the button again during door movement to stop the door.
- Ensure you have a clear line of sight to the garage door when operating it with a remote control.



Image: The Somfy GDK 700 motor unit is shown alongside two Keypop remote controls, highlighting the control interface.

## 5.2 Manual Override

In case of a power outage or malfunction, the garage door can be operated manually. Locate the emergency release handle (usually a red cord) on the trolley connected to the door. Pull the handle firmly to disengage the door from the opener. You can then open or close the door by hand. To re-engage, push the door up or down until it reconnects with the trolley, or follow specific instructions in your detailed guide.

## 5.3 Smart Home Integration (TaHoma)

The GDK 700 RTS is compatible with Somfy's TaHoma smart home system. This allows you to control your garage door via a smartphone app or integrate it into automated scenarios. Refer to the TaHoma system's documentation for setup and usage instructions.

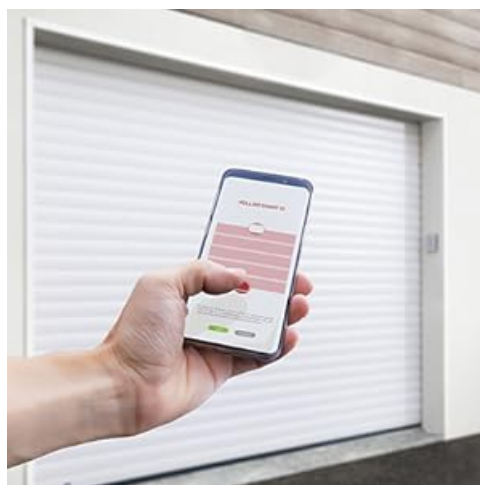


Image: A hand holds a smartphone showing the TaHoma app, illustrating smart control of the garage door.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your Somfy GDK 700 RTS Garage Door Opener.

- **Monthly:** Test the safety reversal system. Place a 2x4 inch board flat on the floor in the path of the door. The door should reverse upon contact. If it does not, adjust the force settings or consult a professional.
- **Monthly:** Inspect the garage door for proper balance.
- **Quarterly:** Lubricate moving parts of the garage door (rollers, hinges, bearings) with a garage door lubricant. Do not lubricate the opener's rail unless specified by Somfy.
- **Annually:** Check all mounting hardware for tightness.
- Keep the area around the motor unit and rail clean and free of debris.

## 7. TROUBLESHOOTING

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If you encounter issues with your GDK 700 RTS opener, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Door does not move	No power; remote battery dead; safety sensors obstructed.	Check power connection; replace remote battery; clear sensor path.
Door reverses unexpectedly	Obstruction in door path; force settings too high/low; safety sensors misaligned.	Remove obstruction; adjust force settings (refer to manual); align safety sensors.
Remote control not working	Battery dead; remote out of range; remote not programmed.	Replace battery; move closer to opener; reprogram remote (refer to manual).
Excessive noise during operation	Lack of lubrication; loose hardware; worn rollers.	Lubricate door parts; tighten hardware; inspect and replace worn components.

For more complex issues or if troubleshooting steps do not resolve the problem, contact Somfy customer support or a qualified technician.

## 8. SPECIFICATIONS

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- **Brand:** Somfy
- **Model:** GDK 700 (2401440)
- **Color:** Grey
- **Material:** Plastic
- **Power Supply:** 230 V
- **Max Door Height:** 3 m
- **Max Door Width:** 2.35 m
- **Max Door Surface Area:** 7 m<sup>2</sup>
- **Max Door Weight:** 70 kg
- **Radio Technology:** RTS (Radio Technology Somfy)
- **Smart Home Compatibility:** TaHoma (requires TaHoma hub, sold separately)

- **Assembly Required:** Yes
- **EU Spare Parts Availability:** 5 Years

## 9. WARRANTY AND SUPPORT

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The Somfy GDK 700 RTS Garage Door Opener comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including the duration and coverage.

For technical assistance, spare parts, or further support, please contact Somfy customer service. Contact details can typically be found on the Somfy official website or in your product documentation.

**Online Resources:** Visit the official Somfy website for additional resources, FAQs, and detailed installation videos.