

Tormatic Black 800

Tormatic Black 800 Garage Door Opener

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Tormatic Black 800 Garage Door Opener. Please read these instructions carefully before beginning installation or operation to ensure proper function and to prevent injury or damage.

The Tormatic Black 800 is a high-performance garage door opener designed for up-and-over and sectional garage doors, offering advanced features such as 3-button programming, adjustable automatic closing, and quiet operation. It incorporates AES 128-BIT encryption for enhanced security.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Ensure the garage door is balanced and in good working condition before installing the opener.
- Installation and wiring must be performed by qualified personnel in accordance with all local electrical and building codes.
- Do not allow children to play with the garage door opener or its controls. Keep remote controls out of reach of children.
- Always keep the moving door in sight and away from people and objects until it is completely closed.
- Test the safety reverse system monthly. If the door does not reverse on contact with a 5 cm (2 inch) object, adjust or repair the opener.
- In case of power failure, use the emergency release to manually open or close the door.
- Disconnect power to the opener before performing any maintenance or repairs.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Black 800 motor head
- Door fitting for up-and-over and sectional doors
- 1 x BLACK hand transmitter (433 MHz Keeloq)
- 433 MHz plug-in receiver module
- Toothed belt drive rail (K-rail) ZS 20



Image 3.1: Tormatic Black 800 motor head.



Image 3.2: Tormatic Black 433 MHz Keeloq hand transmitter.



Image 3.3: Tormatic ZS 20 toothed belt drive rail.

4. SETUP AND INSTALLATION

The Tormatic Black 800 garage door opener is designed for garage doors up to 14 m².

- **Door Compatibility:** Suitable for up-and-over doors with a maximum height of 2500 mm and sectional doors with a maximum height of 2250 mm.
- **Rail System:** The opener is compatible with all Tormatic drive rails, including the supplied ZS 20 toothed belt drive rail.
- **Mounting:** Securely mount the motor head and rail system according to the detailed diagrams in the separate installation guide (not included in this document). Ensure the rail is properly aligned and the door fitting is correctly attached to your garage door type.
- **Electrical Connection:** Connect the opener to a grounded 230 V, 50 Hz power supply. Ensure all wiring is secure and meets local electrical codes.

For detailed step-by-step installation instructions, refer to the dedicated installation manual provided with your product.

5. OPERATING INSTRUCTIONS

Once installed and programmed, the Tormatic Black 800 garage door opener offers convenient and secure operation.

- **Opening/Closing the Door:** Press any programmed button on the hand transmitter to open or close the garage door. A single press will initiate movement; another press during movement will stop the door.
- **Automatic Closing Function:** The automatic closing function can be adjusted. When enabled, the door will automatically close after a set delay once it has fully opened. Refer to the programming section for adjustment.

details.

- **Emergency Release:** In case of power failure or malfunction, pull the emergency release handle (usually a red cord) to disengage the door from the opener, allowing manual operation. Re-engage the door when power is restored or the issue is resolved.

6. PROGRAMMING

The Black 800 features easy and quick programming with 3 buttons on the motor head.

- **Hand Transmitter Pairing:** All Tormatic hand transmitters with Keeloq 433 MHz are compatible. Follow the instructions in the separate programming guide to pair your hand transmitter with the opener.
- **Setting Limits:** The opener's travel limits (open and close positions) must be set during initial programming.
- **Adjusting Automatic Closing:** The delay for the automatic closing function can be set or disabled through the programming menu.
- **High Class Torselect Function:** This function allows for optimal door adaptation and quiet operation.

Refer to the dedicated programming manual for detailed instructions on setting up and adjusting all functions.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your garage door opener.

- **Monthly Checks:**
 - Test the safety reverse system.
 - Inspect the garage door for balance and smooth operation.
 - Check for any loose hardware or worn parts on the opener and rail system.
- **Annual Servicing:** It is recommended to have a qualified technician inspect and service your garage door and opener annually.
- **Cleaning:** Keep the motor head and rail system clean from dust and debris. Do not use harsh chemicals.

8. TROUBLESHOOTING

If you encounter issues with your Tormatic Black 800, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Opener does not respond to remote.	Dead remote battery, remote out of range, opener not receiving power, remote not programmed.	Replace remote battery, move closer to opener, check power supply, re-program remote.
Door reverses unexpectedly or does not close.	Obstruction in door path, safety sensors misaligned or dirty, travel limits incorrectly set.	Remove obstruction, clean/align safety sensors, re-adjust travel limits.

Problem	Possible Cause	Solution
Door operates slowly or makes unusual noise.	Door unbalanced, worn parts, lubrication needed.	Check door balance, inspect for worn parts, lubricate moving components. Consult a technician if necessary.

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

9. SPECIFICATIONS

Technical specifications for the Tormatic Black 800 Garage Door Opener:

- **Rated Voltage:** 230 V
- **Rated Frequency:** 50 Hz
- **Current Consumption:** 1.25 A
- **Power Consumption:** 240 W
- **Standby Power Consumption:** <0.5 W
- **Pulling and Pushing Force:** 800 N
- **Max. Operating Speed:** 170-240 mm/s
- **Temperature Range:** -20°C to +60°C
- **Emergency Release:** Possible
- **Lighting:** 1.6 W LED
- **Max. Door Area:** 14 m²
- **Max. Up-and-Over Door Height:** 2500 mm
- **Max. Sectional Door Height:** 2250 mm
- **Hand Transmitter Frequency:** 433 MHz Keeloq

10. WARRANTY AND SUPPORT

The Tormatic Black 800 Garage Door Opener is a

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.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question