

[Manuals.plus](#) /

› [LiftMaster](#) /

› Liftmaster 8587 Elite Series Garage Door Opener Instruction Manual

LiftMaster 8587

LiftMaster 8587 Elite Series Garage Door Opener Instruction Manual

Model: 8587

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your LiftMaster 8587 Elite Series $\frac{3}{4}$ HP AC Chain Drive Garage Door Opener. This unit is designed for robust performance, featuring a powerful AC motor and advanced security and connectivity options.

Key features include:

- **$\frac{3}{4}$ HP AC Motor Chain Drive System:** Engineered for lifting heavy garage doors, including carriage house and solid wood doors.
- **MyQ Technology with Wi-Fi:** Enables secure monitoring and control of your garage door opener via a smartphone, tablet, or laptop.
- **Security+ 2.0:** Enhances garage access security by sending a new code with every remote click, preventing unauthorized entry.
- **I-Beam Rail System:** Provides maximum support and durability.



Image: The LiftMaster 8587 Elite Series Garage Door Opener head unit, featuring a red and white casing with the

2. SAFETY INFORMATION

Read and follow all safety warnings and instructions carefully before installing, operating, or maintaining this product. Failure to do so may result in serious injury or property damage.

- Always disconnect power to the garage door opener before performing any service or maintenance.
- Ensure the garage door is balanced and in good working order before installation. A poorly balanced door can cause severe injury.
- Keep hands and loose clothing away from the garage door and opener mechanisms.
- Do not allow children to operate the garage door opener or play near the garage door.
- Install the wall control button out of the reach of children and away from all moving parts of the door.
- Regularly inspect the safety reversal system and photo eyes for proper operation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LiftMaster 8587 Garage Door Opener Head Unit
- One (1) 3-Button Remote Control (Model 893MAX)
- One (1) Smart Control Panel (Model 880LMW)
- Mounting Hardware (specific to the head unit)
- Owner's Manual and Installation Guide

Note: The chain rail assembly is NOT included with this model and must be purchased separately. Ensure you acquire a compatible I-Beam rail system for proper operation.

4. SETUP AND INSTALLATION

Installation of a garage door opener can be complex and may require specialized tools and knowledge. It is recommended to have this unit installed by a qualified professional, especially given its weight and the need for precise alignment of the rail system.

4.1 Pre-Installation Checks

- Ensure your garage door is properly balanced. If the door does not stay open at various heights when manually lifted, consult a garage door technician.
- Verify that the area around the opener installation point is clear and free from obstructions.
- Confirm that a power outlet is available within 6 feet of the opener's intended location.

4.2 Rail Assembly and Mounting

Attach the purchased I-Beam rail system to the opener head unit according to the rail manufacturer's instructions. Securely mount the opener to the ceiling or appropriate support structure, ensuring the rail is centered over the garage door opening.

Note: This model is compatible with older T-rail systems, allowing for a potential drop-in replacement if your existing rail is in good condition. However, always verify compatibility with your specific rail system.

4.3 Electrical Connection

Connect the opener to a grounded electrical outlet. Avoid using extension cords. Refer to local electrical

codes for proper wiring procedures.

4.4 Safety Sensor Installation

Install the safety reversing sensors (photo eyes) no higher than 6 inches (15 cm) above the garage floor. Ensure they are properly aligned and free from obstructions. The opener will not operate if the safety sensors are not correctly installed and aligned.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **To Open/Close:** Press the large button on the 3-button remote (893MAX) or the push bar on the Smart Control Panel (880LMW).
- **To Stop:** Press the button again while the door is in motion.

5.2 Force Adjustment and Limit Settings

The opener automatically learns the force required to open and close the door. If adjustments are needed, refer to the detailed instructions in the full installation manual for setting the up and down travel limits and force settings. Incorrect settings can compromise safety features.

6. MYQ TECHNOLOGY AND WI-FI SETUP

The LiftMaster 8587 features integrated MyQ technology, allowing you to control and monitor your garage door from anywhere using a compatible smartphone, tablet, or computer.

6.1 MyQ App Download and Account Creation

- Download the MyQ app from your device's app store (Apple App Store or Google Play Store).
- Create a MyQ account and follow the on-screen prompts.

6.2 Connecting to Wi-Fi

- On the Smart Control Panel (880LMW), press the "Menu" button.
- Navigate to "Wi-Fi Setup" and follow the instructions to connect your opener to your home Wi-Fi network.
- Once connected, use the MyQ app to add your garage door opener to your account.

For detailed troubleshooting or advanced MyQ features, refer to the MyQ app's help section or the LiftMaster website.

7. REMOTE CONTROL PROGRAMMING (893MAX)

The included 893MAX 3-button remote control can operate up to three LiftMaster garage door openers or MyQ-enabled light accessories.

7.1 Programming to the Opener

1. Locate the "Learn" button on your garage door opener. This is typically on the back or side panel of the motor unit.
2. Press and immediately release the "Learn" button. The LED indicator will light up.
3. Within 30 seconds, press and hold the button on your 893MAX remote that you wish to program.
4. Release the remote button when the opener lights flash or two clicks are heard. This indicates

successful programming.

5. Test the remote by pressing the programmed button. The garage door should operate.

8. SMART CONTROL PANEL USAGE (880LMW)

The 880LMW Smart Control Panel provides convenient control and displays important information about your garage door opener's status.

- **Push Bar:** Press to open or close the garage door.
- **Menu Button:** Access settings, Wi-Fi setup, and other advanced features.
- **Light Button:** Turn the opener's lights on or off independently of door operation.
- **Motion Sensor:** The panel features a motion sensor that can automatically turn on the opener lights when motion is detected in the garage.

Refer to the Smart Control Panel's dedicated manual for detailed instructions on customizing settings and features.

9. MAINTENANCE

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

- **Monthly:**
 - Test the safety reversal system. Place a 2x4 board flat on the floor in the path of the door. The door should reverse upon contact.
 - Test the safety sensors. Wave your hand in the path of the photo eyes while the door is closing. The door should stop and reverse.
 - Inspect the garage door for proper balance.
- **Annually:**
 - Lubricate the garage door's moving parts (rollers, hinges, bearings) with a garage door lubricant. Do NOT lubricate the opener's chain.
 - Check all hardware for loose fasteners and tighten as necessary.
 - Inspect the chain for proper tension. Adjust if it appears too loose or too tight.

If you encounter any issues during maintenance or inspection, contact a qualified garage door technician.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Opener does not operate from remote or wall control.	No power; remote battery dead; safety sensors obstructed/misaligned.	Check power connection; replace remote battery; clear/align safety sensors.
Door reverses immediately after touching the floor.	Down travel limit set too low; excessive force setting.	Adjust down travel limit; adjust down force setting (refer to full manual).

Problem	Possible Cause	Solution
Door does not close, opener lights flash 10 times.	Safety sensors obstructed or misaligned.	Clear any obstructions from sensor path; align sensors until solid green light appears on receiving sensor.
HomeLink in car (2012 or older) does not program.	Compatibility issue with older HomeLink versions.	A HomeLink Repeater Kit (e.g., LiftMaster 855LM) may be required for vehicles manufactured in 2012 or earlier.
MyQ app not connecting to opener.	Wi-Fi signal issue; incorrect MyQ setup.	Verify home Wi-Fi network is active; re-run Wi-Fi setup on Smart Control Panel; check MyQ app for troubleshooting steps.

11. SPECIFICATIONS

Feature	Detail
Model Number	8587
Motor Type	¾ HP AC Chain Drive
Item Weight	20 pounds (approximate, head unit only)
Product Dimensions	14 x 14 x 10 inches (approximate, head unit only)
Material	Metal (internal components), Plastic (casing)
Installation Method	Screw In (requires mounting to ceiling/support structure)
Connectivity	MyQ Technology, Wi-Fi, Security+ 2.0

12. WARRANTY AND SUPPORT

For specific warranty information regarding your LiftMaster 8587 Elite Series Garage Door Opener, please refer to the warranty card included with your product packaging or visit the official LiftMaster website. Warranty terms and conditions may vary.

If you require technical assistance, troubleshooting beyond this manual, or wish to purchase replacement parts, please contact LiftMaster Customer Support directly. Contact information can typically be found on the LiftMaster website or in your product documentation.

Online Resources: www.liftmaster.com