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› [LiftMaster](#) /

› LiftMaster 81602 WiFi DC 1/2 HP Chain Drive Battery Backup Garage Opener User Manual

LiftMaster 81602

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Model: 81602

1. INTRODUCTION

Thank you for choosing the LiftMaster 81602 WiFi DC 1/2 HP Chain Drive Battery Backup Garage Opener. This advanced garage door opener is designed to provide reliable, quiet, and convenient access to your garage. Featuring built-in Wi-Fi for smartphone control via the myQ app, a smooth DC motor, and an integrated battery backup system, it offers enhanced security and accessibility. This manual provides essential information for the safe installation, operation, and maintenance of your new garage door opener.

2. SAFETY INFORMATION

WARNING: To reduce the risk of severe injury or death, read and follow all installation instructions and warnings.

- 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 installing the opener. A poorly balanced door could cause severe injury.
- Install the wall control button out of the reach of children (at least 5 feet above the floor) and away from all moving parts of the door.
- Keep people and objects clear of the door opening when the door is in motion.
- The safety reversal system must be tested monthly. The door must reverse on contact with a 1.5-inch high object (or a 2x4 board laid flat) placed on the floor.
- The photo-electric sensors must be installed and properly aligned. The door will not close if the sensors are obstructed.
- Do not allow children to play with the garage door opener controls or remotes.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.



This image displays the LiftMaster 81602 garage door opener unit, which is white and black, along with its key accessories. These include a compact black remote control, a larger black wall-mounted control panel, a grey battery backup unit, and a smartphone showing the myQ application interface. The main opener unit is positioned at the back, with the accessories arranged in front.

Your LiftMaster 81602 package should include:

- LiftMaster 81602 Garage Door Opener Head
- Safety Sensors (Photo-electric eyes)
- 485LM Battery Backup Unit
- 893MAX UNIVERSAL REMOTE (3-button remote control)
- INTERNAL WALL BUTTON (Multi-function wall control panel)
- Mounting Hardware and Fasteners
- Instruction Manual (this document)

Note: The chain drive rail assembly is sold separately and is required for operation.

4. SETUP AND INSTALLATION

Installation of a garage door opener can be complex and requires electrical and mechanical knowledge. It is highly recommended to have this unit installed by a qualified garage door professional.

4.1 Pre-Installation Checks

1. Ensure your garage door is properly balanced. If the door does not stay open or closed when released manually, consult a garage door technician.
2. Verify that there is a power outlet within 6 feet of the opener's intended mounting location.

4.2 Mounting the Opener

Follow the detailed instructions provided in the separate installation guide for mounting the opener head, assembling the chain drive rail, and attaching it to the garage door.

4.3 Wiring and Sensor Installation

Connect the safety sensors, wall control, and power cord according to the wiring diagrams in the installation guide. Ensure safety sensors are mounted 6 inches above the floor and properly aligned.

4.4 myQ App and Wi-Fi Setup

The LiftMaster 81602 features built-in Wi-Fi and Bluetooth for easy connection to the myQ app.

1. Download the myQ app from your smartphone's app store.
2. Create a myQ account or log in if you already have one.
3. Follow the in-app instructions to connect your garage door opener to your home Wi-Fi network. The integrated Bluetooth technology will assist in a quicker setup process.

5. OPERATING INSTRUCTIONS

5.1 Using the Remote Control (893MAX)

Press any programmed button on the 893MAX universal remote control to open or close the garage door. Ensure you are within range and have a clear line of sight to the door.

5.2 Using the Wall Control

Press the main button on the internal wall button to operate the garage door. Additional buttons on the wall control may provide light control or lock features, depending on the model.

5.3 Using the myQ App

Once connected to the myQ app, you can:

- Open and close your garage door from anywhere using your smartphone.
- Receive real-time alerts and notifications about your garage door's status.
- Set schedules for closing the door.
- Monitor the door's activity log.

5.4 Battery Backup Operation

The integrated 485LM Battery Backup ensures your garage door opener remains operational during power outages. When power is lost, the opener will automatically switch to battery power. The battery status indicator on the opener head will provide information on the battery's charge level.

6. MAINTENANCE

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

- **Monthly:** Test the safety reversal system and photo-electric sensors. Lubricate the chain drive rail as recommended by the manufacturer.
- **Annually:** Inspect the garage door springs, cables, rollers, and pulleys for wear and tear. Consult a professional if any issues are found.
- **myQ Diagnostics:** Utilize the myQ app's Diagnostics feature for real-time insights into your garage door's health. The app can provide alerts and error codes if an issue arises, and can help connect you with professional services if needed.
- **Battery Backup:** The battery backup unit is designed for long life, but its performance may degrade over time.

Replace the battery when its capacity significantly diminishes or if the opener indicates a battery fault.

7. TROUBLESHOOTING

If you encounter issues with your LiftMaster 81602, refer to the following common troubleshooting steps. For more detailed diagnostics, consult the myQ app or the full troubleshooting guide available on the LiftMaster website.

Problem	Possible Cause	Solution
Opener does not respond to remote/wall control.	No power; remote battery dead; remote not programmed; safety sensors obstructed/misaligned.	Check power connection; replace remote battery; reprogram remote; clear sensor path and realign.
Door reverses unexpectedly.	Safety sensors obstructed/misaligned; force settings too low; something blocking door path.	Clear sensor path and realign; adjust force settings (refer to installation manual); remove obstructions.
Door does not close completely.	Travel limits need adjustment; door balance issue.	Adjust travel limits (refer to installation manual); check door balance.
Wi-Fi connection issues.	Poor Wi-Fi signal; incorrect network password; router issues.	Move router closer or use Wi-Fi extender; re-enter password; restart router; re-attempt myQ setup.

8. SPECIFICATIONS

Feature	Detail
Model Number	81602
Motor Type	DC Motor
Horsepower	0.5 hp (1/2 HP)
Drive Type	Chain Drive (rail sold separately)
Connectivity	Built-in Wi-Fi, Integrated Bluetooth
Battery Backup	Included (485LM Battery Backup), SB-969 Compliant
Included Components	Safety Sensors, 485LM Battery Backup, 893MAX UNIVERSAL REMOTE, INTERNAL WALL BUTTON
Power Source	Corded Electric
Item Weight	21.5 pounds
Product Dimensions	10 x 12 x 12 inches
Country of Origin	Mexico
UPC	012381194629

9. WARRANTY AND SUPPORT

For specific warranty information regarding your LiftMaster 81602 garage door opener, please refer to the warranty card included with your product or visit the official LiftMaster website. Warranty terms typically cover defects in materials and workmanship for a specified period from the date of purchase.

9.1 Customer Support

If you require technical assistance, have questions about your product, or need to arrange for service, please contact LiftMaster customer support directly. You can find contact information, FAQs, and additional resources on the official LiftMaster website:

Website: www.liftmaster.com

Please have your model number (81602) and date of purchase ready when contacting support.

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This manual is for informational purposes only. Specifications are subject to change without notice.