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LiftMaster 6690L

LiftMaster 6690L Smart Garage Door Opener

USER MANUAL

Model: 6690L | Brand: LiftMaster

1. Introduction

The LiftMaster 6690L is an advanced 1-1/4 HP equivalent belt drive garage door opener designed for high-performance and smart home integration. It combines robust power with quiet operation, enhanced security features, and convenient connectivity. This manual provides essential information for the safe installation, operation, and maintenance of your new garage door opener.

Key Features:

- **Powerful 1-1/4 HP Equivalent DC Motor:** Engineered for high-use garages and demanding conditions, ensuring reliable performance.
- **Integrated Battery Backup:** Maintains garage door functionality during power outages for uninterrupted access.
- **360° Security Camera:** Features an adjustable wide-angle lens and full night vision for comprehensive garage monitoring.
- **360-Degree LED Lighting:** Provides complete and bright illumination throughout your garage space.
- **myQ Connectivity:** Enables remote monitoring and control of your garage door via the myQ smartphone application.



The LiftMaster 6690L Smart Garage Door Opener main unit, showing the integrated LED lighting and camera module.

2. Safety Information

WARNING: To reduce the risk of severe injury or death, read and follow all instructions carefully. Improper installation or use can lead to serious injury.

- Always ensure the garage door is balanced and in good working order before installing the opener.
- Do not connect the opener to power until instructed.
- Keep children and pets away from the garage door area, especially when the door is in motion.
- Never operate the opener if the safety reversal system is not working correctly.
- Install the wall control button at least 5 feet (1.5 m) above the floor and away from all moving parts of the door.
- Disconnect power to the garage door opener before performing any maintenance or repairs.

3. Package Contents

Verify that all components are present before beginning installation:

- LiftMaster 6690L Garage Door Opener Head Unit
- Integrated 360° Security Camera
- Battery Backup System (pre-installed or separate)
- Integrated LED Light System
- Remote Controls (quantity may vary)
- Wall Control Panel
- Safety Sensors and Brackets
- Mounting Hardware

- Owner's Manual

Note: Rails for the belt drive system are sold separately and are required for installation.

4. Setup and Installation

Installation of the LiftMaster 6690L requires careful attention to detail and adherence to safety guidelines. If you are unsure about any step, it is recommended to consult a professional installer.

General Installation Steps:

1. **Prepare the Garage Door:** Ensure the garage door is properly balanced and operates smoothly manually.
2. **Assemble the Rail:** Connect the rail sections according to the separate rail instructions.
3. **Attach Opener Head to Rail:** Secure the opener head unit to the assembled rail.
4. **Mount the Opener:** Securely mount the opener and rail to the garage ceiling and header bracket.
5. **Install Safety Sensors:** Mount and align the safety sensors on either side of the garage door opening, no higher than 6 inches (15 cm) above the floor.
6. **Install Wall Control:** Mount the wall control panel in a visible location, at least 5 feet (1.5 m) above the floor.
7. **Connect Power:** Plug the opener into a grounded electrical outlet.
8. **Program Travel Limits:** Follow the instructions in the full manual to set the open and close travel limits for your door.
9. **Test Safety Reversal System:** Crucial step to ensure the door reverses upon contact with an obstruction.



Close-up of the LiftMaster 6690L's reinforced belt drive system, designed for quiet and reliable operation.

5. Operating Instructions

Standard Operation:

- **Remote Control:** Press the designated button on your remote control to open or close the garage door.
- **Wall Control Panel:** Press the large button on the wall control to operate the door.
- **myQ App:** Use the myQ app on your smartphone for remote operation (see myQ Connectivity section).

Manual Release:

In case of a power outage or malfunction, you can manually open or close the garage door:

1. Ensure the door is fully closed if possible.
2. Pull the red emergency release handle firmly downwards. This disengages the door from the opener.
3. You can now manually lift or lower the garage door.
4. To re-engage, pull the red handle towards the opener until it clicks into place, then operate the door with the opener.



LiftMaster myQ compatible remote controls and a wireless keypad, used for convenient operation of the garage door opener.

6. myQ Connectivity

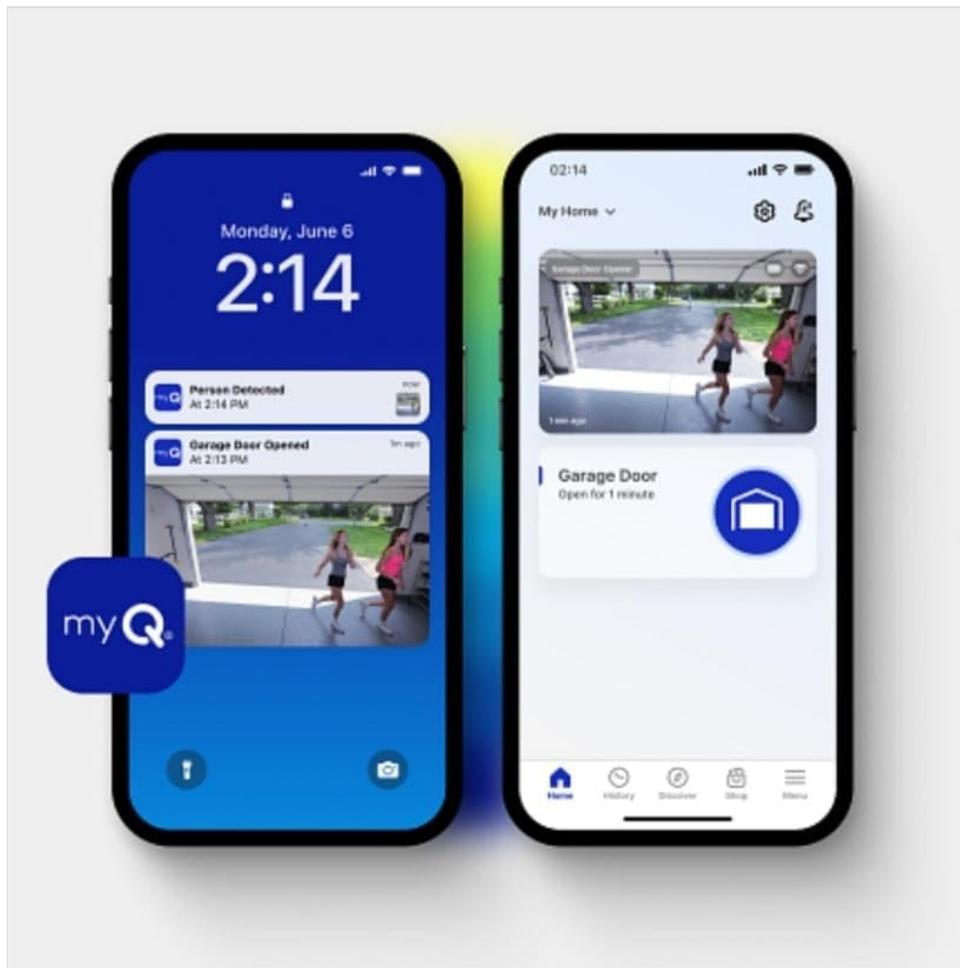
The LiftMaster 6690L is myQ connected, allowing you to monitor and control your garage door from anywhere using your smartphone or tablet.

Setup myQ:

1. **Download the myQ App:** Search for "myQ" in your device's app store and download the application.
2. **Create an Account:** Follow the in-app instructions to create a new myQ account or log in if you already have one.
3. **Add Device:** Select "Add Device" within the app and follow the prompts to connect your LiftMaster 6690L opener to your home Wi-Fi network and myQ account.

myQ Features:

- Open or close your garage door from anywhere.
- Receive real-time alerts when your garage door opens or closes.
- Monitor garage activity with the integrated camera.
- Set schedules for closing the garage door.



Screenshots of the myQ mobile application interface, demonstrating remote monitoring and control features for the garage door opener.

7. Camera Features

The LiftMaster 6690L includes a built-in 360° security camera to provide comprehensive surveillance of your garage space.

- **360° View:** The camera offers a wide-angle view, allowing you to see the entire garage.
- **Night Vision:** Equipped with night vision capabilities for clear monitoring in low-light or dark conditions.
- **Live Feed & Recordings:** Access live video feed and recorded events through the myQ app.
- **Motion Detection:** Receive alerts for detected motion within the garage.

Ensure your Wi-Fi connection is stable for optimal camera performance and video streaming.

8. Battery Backup

The integrated battery backup system ensures that your garage door opener remains operational during power outages.



Internal view of the LiftMaster 6690L showing the battery backup system, ensuring operation during power outages.

Operation During Power Outage:

- When main power is lost, the opener automatically switches to battery power.
- The battery provides enough power for several open/close cycles.
- The LED light may operate at a reduced brightness to conserve battery life.
- The battery recharges automatically once main power is restored.

Regularly test the battery backup by unplugging the opener from the wall outlet to ensure it functions correctly.

9. Maintenance

Regular maintenance ensures the longevity and safe operation of your LiftMaster 6690L garage door opener.

Monthly Checks:

- **Safety Reversal Test:** Place a 1.5-inch (3.8 cm) object on the floor in the path of the door. The door should reverse when it contacts the object. If not, adjust the travel limits or contact support.

- **Photo Eye Test:** Wave your hand in front of the safety sensors while the door is closing. The door should stop and reverse.
- **Door Balance:** Disengage the opener and manually lift the door. It should stay in place at any point of travel. If not, contact a garage door technician.

Annual Checks:

- **Lubrication:** Lubricate rollers, hinges, and springs with a garage door lubricant. Do not lubricate the opener's belt.
- **Hardware Inspection:** Check all nuts, bolts, and screws for tightness.
- **Camera Lens Cleaning:** Gently wipe the camera lens with a soft, damp cloth to ensure clear visibility.

10. Troubleshooting

Refer to this section for common issues and their potential solutions.

Problem	Possible Cause	Solution
Opener does not respond to remote/wall control.	No power; remote battery dead; remote out of range; safety sensors obstructed.	Check power connection; replace remote battery; ensure clear line of sight for sensors.
Door does not close completely.	Travel limits need adjustment; safety sensors misaligned or obstructed.	Adjust down travel limit; align safety sensors.
Door reverses immediately after touching floor.	Down travel force is too high; down travel limit set too low.	Adjust down travel limit or force settings.
Camera feed is blurry or unavailable.	Dirty lens; poor Wi-Fi connection; app issue.	Clean camera lens; check Wi-Fi signal strength; restart myQ app.
Battery backup not working during power outage.	Battery discharged or faulty.	Allow battery to recharge; if issue persists, contact support for battery replacement.

For more detailed troubleshooting or issues not listed here, please refer to the comprehensive troubleshooting guide in the full product manual or contact LiftMaster customer support.

11. Specifications

Feature	Detail
Manufacturer	LiftMaster
Model Number	6690L
Motor Type	1-1/4 HP Equivalent DC Motor
Drive System	Belt Drive
Item Weight	25.5 pounds (11.57 kg)
Product Dimensions	12 x 10 x 18 inches (30.48 x 25.4 x 45.72 cm)

Feature	Detail
Color	Gray
Connectivity	myQ Connected
Camera	360° Security Camera with Night Vision
Lighting	360° LED Lighting System
Power Backup	Built-in Battery Backup System

12. Warranty and Support

The LiftMaster 6690L Smart Garage Door Opener comes with **lifetime warranty on the motor and belt** demonstrating LiftMaster's commitment to quality and durability. Specific warranty details for other components may vary and are outlined in the full warranty document included with your product.

For technical assistance, warranty claims, or to purchase replacement parts, please contact LiftMaster customer support. You can find contact information on the LiftMaster official website or in the documentation provided with your opener.

When contacting support, please have your model number (6690L) and date of purchase readily available.