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› LiftMaster 412HM Universal Garage Door Opener Coaxial Receiver Instruction Manual

LiftMaster 412HM

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Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your LiftMaster 412HM 390MHz Universal Garage Door Opener Coaxial Receiver. Please read this manual thoroughly before beginning installation or operation to ensure proper function and safety.



Figure 1: LiftMaster 412HM Universal Garage Door Opener Coaxial Receiver. This image shows the compact, rectangular metal housing of the receiver with a black label displaying "Lift-Master The Professional Line Garage Door Openers THE CHAMBERLAIN GROUP INC." A coaxial connector port is visible on the right side.

IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage:

- Disconnect power to the garage door opener before installing or servicing the receiver.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not attempt to modify the receiver or its components.
- Keep children and pets away from the garage door area during installation and operation.
- This device is designed for use with compatible LiftMaster garage door openers and remote controls. Using incompatible devices may result in malfunction.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LiftMaster 412HM Coaxial Receiver (1)
- Mounting Hardware (screws, anchors) (1 set)

- Instruction Manual (this document) (1)

SETUP AND INSTALLATION

Follow these steps for proper installation of the 412HM receiver:

1. **Power Disconnection:** Before starting, ensure the power to your garage door opener is disconnected at the circuit breaker or by unplugging the unit.
2. **Mounting Location:** Select a suitable mounting location near your garage door opener, ensuring it is protected from moisture and extreme temperatures. The receiver should be mounted securely to a wall stud or suitable anchor.
3. **Mounting the Receiver:**
 - Use the provided mounting hardware to secure the 412HM receiver to the chosen surface.
 - Ensure the receiver is mounted in an orientation that allows for easy access to the coaxial port and programming button.
4. **Coaxial Connection:**
 - Connect the coaxial cable from your garage door opener's antenna terminal to the coaxial input port on the 412HM receiver. Ensure the connection is tight.
 - If your opener does not have a coaxial antenna, you may need an adapter or a different receiver model.
5. **Power Connection:**
 - Connect the power wires from the 412HM receiver to the appropriate terminals on your garage door opener. Refer to your garage door opener's manual for specific wiring diagrams. Typically, these are low-voltage terminals.
 - Ensure polarity is correct if specified by your opener's manual.
6. **Restore Power:** Once all connections are secure, restore power to your garage door opener.

OPERATION AND PROGRAMMING

The 412HM receiver uses Security+ rolling code technology for enhanced security. Follow these steps to program your remote controls:

1. **Locate the Learn Button:** On the 412HM receiver, locate the "Learn" button. This button is typically small and may be recessed.
2. **Activate Learn Mode:** Press and immediately release the "Learn" button on the 412HM receiver. The LED indicator on the receiver will illuminate, indicating it is in learn mode. You have approximately 30 seconds to complete the next step.
3. **Program Remote Control:** Within 30 seconds, press and hold the button on your compatible LiftMaster remote control that you wish to operate the garage door.
4. **Confirm Programming:** The garage door opener lights will flash, or you will hear two clicks, indicating that the remote control has been successfully programmed to the receiver.
5. **Test Operation:** Press the programmed button on your remote control to test the operation of your garage door.
6. **Program Additional Remotes:** Repeat steps 2-4 for any additional compatible remote controls you wish to program. The 412HM receiver supports multiple code storage.

Note: If your remote control is not programming, ensure it is a compatible LiftMaster remote (e.g., 811LM, 813LM, MAX remote controls) and that its battery is functional.

MAINTENANCE

The LiftMaster 412HM receiver requires minimal maintenance. Follow these guidelines to ensure optimal performance:

- **Keep Clean:** Periodically wipe the exterior of the receiver with a soft, dry cloth to remove dust and debris. Do not use abrasive cleaners or solvents.
- **Check Connections:** Annually inspect all wiring and coaxial connections to ensure they are secure and free from corrosion.
- **Environmental Protection:** Ensure the receiver remains protected from direct exposure to water, extreme temperatures, and physical impact.

TROUBLESHOOTING

If you experience issues with your LiftMaster 412HM receiver, consult the following table:

Problem	Possible Cause	Solution
Receiver not responding to remote.	Remote not programmed. Incompatible remote control. Remote battery is dead. Receiver not powered.	Reprogram the remote control (see Operation section). Ensure remote is a compatible LiftMaster model. Replace remote battery. Check power connections to the receiver and garage door opener.
Garage door opener not responding after programming.	Incorrect wiring to garage door opener. Coaxial cable loose or damaged. Interference.	Verify wiring connections according to your opener's manual. Ensure coaxial cable is securely connected. Check for sources of radio frequency interference.
LED on receiver does not light up.	No power to receiver. Faulty receiver.	Check power connections and circuit breaker. Contact customer support if power is confirmed but LED remains off.

SPECIFICATIONS

- **Model:** 412HM
- **Frequency:** 390MHz
- **Technology:** Security+ Rolling Code
- **Connectivity:** Coaxial
- **Controller Type:** Push Button
- **Output Power:** 12 Watts
- **Number of Channels:** 4
- **Compatible Devices:** LiftMaster garage door openers and remotes (e.g., 811LM, 813LM, MAX remote controls)
- **Dimensions:** Approximately 6.6 x 5.8 x 2.1 inches (Package Dimensions)
- **Weight:** Approximately 0.01 ounces

WARRANTY INFORMATION

LiftMaster products are manufactured to the highest standards of quality. For specific warranty details regarding your 412HM receiver, please refer to the warranty card included with your purchase or visit the official LiftMaster website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact LiftMaster customer support. Visit the official LiftMaster website for contact information, FAQs, and additional resources.

Website: www.liftmaster.com