

FAS 312HM

FAS LiftMaster 312HM Universal Coaxial Receiver

Instruction Manual

INTRODUCTION

The FAS LiftMaster 312HM Universal Coaxial Receiver is designed to integrate with various security and access control systems, providing reliable remote control functionality. This manual provides essential information for the proper installation, operation, and maintenance of your receiver.

SETUP

1. Unpacking

Carefully remove all components from the packaging. Verify that all parts are present:

- LiftMaster 312HM Universal Coaxial Receiver unit
- Mounting hardware (if included)
- Instruction manual (this document)

2. Mounting

Select a secure, dry location for mounting the receiver. Ensure the location allows for optimal signal reception and is protected from direct exposure to weather elements. Mount the receiver securely using appropriate hardware, ensuring the internal circuit board does not come into contact with any metal surfaces to prevent short circuits.

3. Wiring

Connect the receiver to your access control system and power source. The 312HM receiver supports variable voltage input. Refer to your system's wiring diagram for specific connections. Ensure all connections are secure and correctly polarized. Incorrect wiring can damage the unit or the connected system.



Image showing the wiring terminals and programming buttons on the LiftMaster 312HM Universal Coaxial Receiver. This image illustrates the various connection points for power, antenna, and output to the access control system.

4. Programming

The 312HM receiver utilizes Security+ Rolling Code Technology for enhanced security. To program a remote control:

1. Locate the 'Learn' button on the receiver.
2. Press and release the 'Learn' button. The LED indicator will illuminate.
3. Within 30 seconds, press and hold the button on your remote control that you wish to program.
4. Release the remote control button when the receiver's LED indicator flashes or turns off, indicating successful programming.
5. Test the remote control to ensure proper operation.

OPERATING

Basic Operation

Once programmed, pressing the corresponding button on your remote control will activate the receiver, triggering the connected access control device (e.g., gate opener, garage door). The receiver's advanced security memory retains programmed codes even after a complete power outage, typically for several days or longer.

Features

- **Security+ Rolling Code Technology:** Enhances security by changing the code each time the remote is used, preventing code duplication.
- **Advanced Security Memory:** Retains programmed remote codes even without continuous power.
- **Smart Home Integration:** Designed for compatibility with various smart home systems.



Illustration of the LiftMaster 312HM Universal Coaxial Receiver integrated into a gate opener system. This image demonstrates a typical installation scenario where the receiver is connected to a gate control board.

MAINTENANCE

Cleaning

Keep the receiver unit clean and free from dust and debris. Use a soft, dry cloth for cleaning. Avoid using liquid cleaners or solvents, as these can damage the electronic components.

Inspection

Periodically inspect the wiring connections for any signs of wear, corrosion, or looseness. Ensure the unit remains securely mounted. Check for any physical damage to the casing.

Environmental Considerations

While designed for durability, the receiver should be protected from extreme environmental conditions. Direct lightning strikes or even nearby lightning activity can potentially damage the unit. Consider additional surge protection for installations in lightning-prone areas.

TROUBLESHOOTING

- **Receiver Not Responding:**
 - Check power connections to ensure the unit is receiving adequate power.
 - Verify the remote control battery is functional.

- Attempt to reprogram the remote control.
- **Short Circuits / Fuse Blowing:**
 - Immediately disconnect power.
 - Inspect all wiring for exposed wires or incorrect connections that could cause a short.
 - Ensure the receiver's circuit board is not touching any metal surfaces.
 - Replace any blown fuses only after identifying and correcting the cause of the short.
- **Limited Range:**
 - Ensure the antenna is properly connected and positioned for optimal reception.
 - Check for potential sources of radio frequency (RF) interference near the receiver.
 - Obstructions between the remote and receiver can reduce range.
- **Loss of Programming:**
 - While the unit has advanced memory retention, prolonged power outages or severe electrical disturbances could potentially affect programming. Re-program remotes as needed.

SPECIFICATIONS

Brand	FAS
Model	312HM (TRTAZ11A)
Connectivity Technology	Coaxial, RF
Controller Type	Remote
Special Features	Security+ Rolling Code Technology, Advanced Security Memory, Smart Home Integration
Compatible Devices	Smartphone, Speaker (for integration purposes)
Connector Type	Coaxial
Item Weight	0.01 Ounces
Number of Channels	4
Control Method	Remote
Manufacturer	Liftmaster
UPC	786714856910, 618487263568
ASIN	B01M7T181F

WARRANTY INFORMATION

Specific warranty details for the FAS LiftMaster 312HM Universal Coaxial Receiver are not provided in this manual. Please refer to the product packaging, the manufacturer's official website, or contact your point of purchase for comprehensive warranty information and terms.

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your FAS LiftMaster 312HM Universal Coaxial Receiver, please contact the seller or the manufacturer directly. Have your product model number (312HM or TRTAZ11A) and purchase details ready when contacting support.

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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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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