

ALEKO AR3350

ALEKO AR3350 Gear Driven Sliding Gate Opener Instruction Manual

Model: AR3350

1. PRODUCT OVERVIEW

The ALEKO AR3350 is a gear-driven sliding gate opener designed for gates weighing up to 3300 pounds. It operates on a 110-volt, 60 Hz single-phase motor. This opener features automatic stop upon obstruction, an automatic close function, integrated overheating protection, and supports up to 40 remote controls.



Image: Front view of the ALEKO AR3350 Gear Driven Sliding Gate Opener, showing the motor housing and exposed gear mechanism.

2. SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in serious injury or property damage.

- Ensure all electrical connections are made by a qualified electrician and comply with local codes.
- Keep hands and clothing clear of the gate and opener mechanism during operation.
- Do not allow children to play near the gate or operate the remote controls.
- Regularly inspect the gate and opener for signs of wear, damage, or misalignment.
- In case of power failure, use the manual release key to operate the gate.

3. PACKAGE CONTENTS

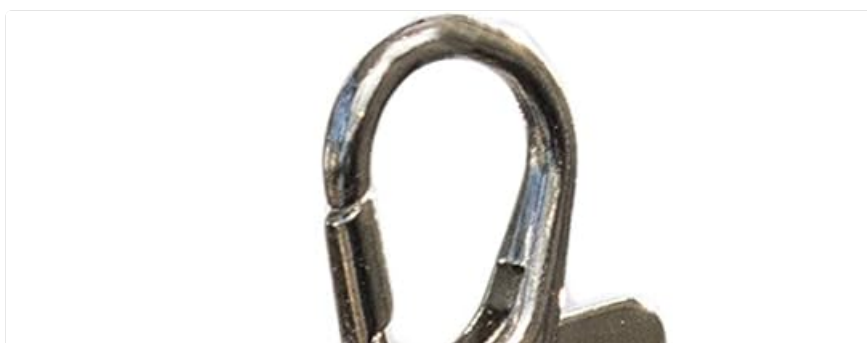
Verify that all components are present in the package:

- (1) ALEKO AR3350 Sliding Gate Opener
- (2) Operator Mounting Plates
- (4) Anchor Bolts
- (2) Magnets
- (1) High and Low Bracket
- (1) Block
- (2) Release Keys
- (2) Remote Controls

Note: Gear racks for the gate are sold separately and are required for operation.



Image: Manual release key.





4. SPECIFICATIONS

Feature	Detail
Model	AR3350
Power Supply	AC110 Volts / 60 Hertz
Motor Speed	1680 RPM
Weight Capacity	Up to 3300 lbs (1496 kg)
Automatic Stop Function	Yes, if gate is obstructed
Automatic Close Function	Yes
Overheat Protection	Integrated
Remote Control Capacity	Supports up to 40 remotes
UPC	655222807984
ASIN	B07PDNMQRN

5. SETUP AND INSTALLATION

Proper installation is crucial for the safe and reliable operation of your gate opener. It is highly recommended that installation be performed by a qualified professional.

- Mounting the Opener:** Securely attach the opener to a stable concrete pad or foundation using the provided mounting plates and anchor bolts. Ensure the opener is level and correctly aligned with the gate's gear rack (sold separately).
- Installing Gear Rack:** Attach the gear rack sections to the gate, ensuring proper meshing with the opener's drive gear. Maintain a small gap between the gear rack and the drive gear to allow for gate movement.
- Electrical Connections:** Connect the opener to a dedicated 110-volt, 60 Hz power supply. All wiring must comply with local electrical codes. Refer to the wiring diagram inside the control box for specific connections.
- Limit Switch Adjustment:** Install and adjust the magnetic limit switches (magnets provided) to define the gate's fully open and fully closed positions.
- Accessory Connections:** Connect any optional accessories such as safety sensors, keypads, or additional remote receivers as per their respective instructions.



Image: Internal view of the gate opener, showing the motor and control board for wiring connections.

6. OPERATING INSTRUCTIONS

The ALEKO AR3350 gate opener can be operated using the provided remote controls or compatible wired accessories.

- **Remote Control Operation:** Press the designated button on the remote control to open or close the gate. A single press will initiate movement. Pressing again during movement will stop the gate.
- **Automatic Close Function:** The opener can be configured to automatically close the gate after a set delay. Refer to the control board settings for adjustment.
- **Manual Release:** In case of power failure or malfunction, insert the manual release key into the lock cylinder and turn it to disengage the motor, allowing the gate to be moved by hand.

7. MAINTENANCE

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

- **Monthly:** Inspect the gate for smooth movement, ensuring no obstructions or excessive friction. Check the gear rack for wear and proper engagement.
- **Quarterly:** Lubricate moving parts as recommended by the manufacturer. Check all electrical connections for tightness and signs of corrosion.
- **Annually:** Have a qualified technician inspect the entire system, including safety features, motor, and control board.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Gate does not move.	No power; remote battery dead; manual release engaged.	Check power supply; replace remote battery; disengage manual release.
Gate stops unexpectedly.	Obstruction detected; limit switch issue; motor overheat.	Remove obstruction; check limit switch alignment; allow motor to cool.
Remote control not working.	Battery dead; remote not programmed; interference.	Replace battery; reprogram remote; check for signal interference.

If problems persist, contact customer support.

9. WARRANTY AND SUPPORT

The ALEKO AR3350 Gear Driven Sliding Gate Opener comes with a **1-Year Warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.



Image: A badge indicating a 1-year warranty.

For technical assistance, parts, or warranty inquiries, please contact ALEKO customer support through their official website or the contact information provided with your product documentation.

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