

ALEKO GG1700

ALEKO GG1700NOR Automatic Dual Swing Gate Opener Instruction Manual

Model: GG1700

1. INTRODUCTION

Welcome to the ALEKO GG1700NOR Automatic Dual Swing Gate Opener instruction manual. This guide provides essential information for the safe and efficient installation, operation, and maintenance of your gate opener system. The GG1700NOR is designed for residential and commercial dual swing gates up to 26 feet long and weighing up to 1700 pounds (13 feet and 850 pounds per leaf). This system features powerful 24VDC motors with soft start/stop operation, promoting extended gate and operator life. Optional battery backup and solar panel compatibility offer versatile power solutions.

2. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation and use. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- Ensure the gate area is clear of all persons and obstructions before operating the gate opener.
- Do not allow children to play near the gate or operate the gate opener controls.
- Disconnect power to the gate opener before performing any maintenance or repairs.
- Professional installation is recommended to ensure proper function and safety.
- Install warning signs in prominent locations on both sides of the gate.
- Never attempt to stop a moving gate.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact customer support.

- 2 (Two) Actuators

- 1 (One) Control Box
- 2 (Two) 8 1/2" x 11" Warning Signs
- 2 (Two) Release keys
- 2 (Two) 433MHz remotes (LM122)
- 1 (One) Set of accessories and mounting hardware for easy installation
- 1 (One) User Manual with step-by-step installation instructions (this document provides an overview; refer to the included physical manual for detailed steps)
- Wire (sold separately)



This image displays two models of ALEKO gate opener actuators, indicating their lengths and model numbers. The top actuator is identified as GG 850/1700, and the bottom as GG 450/900 650/1300. The overall length of the actuators is shown as 35 inches, with a retracted length of 31 inches.



Pictured is a compact black and silver remote control, designed for operating the ALEKO gate opener. It features two distinct buttons, labeled 'A' and 'B', and includes a sturdy metal clip for attachment to a keychain.

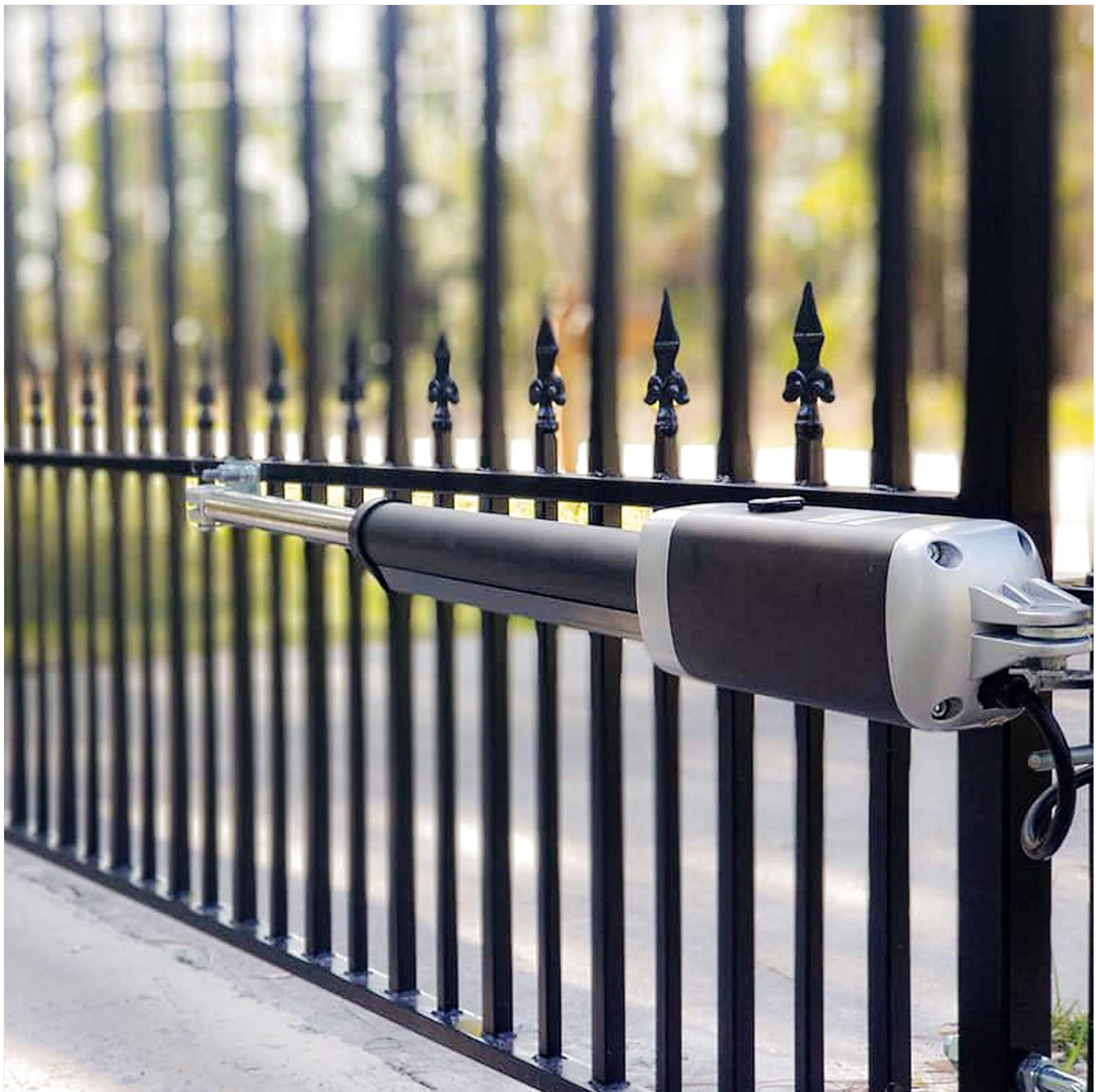
4. SETUP AND INSTALLATION

4.1 Pre-Installation Checklist

- Ensure your gate is properly installed, balanced, and swings freely without binding.
- Confirm you have access to a suitable power source (24VDC or 110VAC).
- Gather all necessary tools for installation (e.g., drill, wrenches, measuring tape).
- Review the detailed step-by-step installation instructions provided in the physical user manual included with your product.

4.2 Mounting the Actuators

The actuators must be securely mounted to both the gate post and the gate frame. Precise measurements and alignment are critical for proper operation. Refer to the detailed diagrams and instructions in your included user manual for specific mounting positions and hardware usage.



This image shows an ALEKO gate opener actuator securely installed on a black wrought iron swing gate. The actuator is extended, demonstrating its function in opening the gate, with a clear view of the gate's structure and the surrounding outdoor environment.

4.3 Wiring the Control Box

Connect the two actuators to the control box according to the wiring diagram in the detailed manual. Connect the power supply (24VDC or 110VAC). The system supports low-cost, low-voltage wiring. If using optional accessories such as solar panels (10W, 20W, or 30W) or a battery backup, connect them as instructed in the comprehensive manual. Ensure all connections are secure and insulated.

5. OPERATING INSTRUCTIONS

5.1 Initial Power-Up and Limit Settings

After installation and wiring are complete, apply power to the control box. Follow the instructions in your detailed manual to set the open and close limit positions for each gate leaf. This ensures the gate stops precisely at the desired open and closed points.

5.2 Using the Remote Control

Your system includes two 433MHz remotes (LM122). Pressing button 'A' or 'B' on the remote will activate the gate opener, initiating an open or close cycle depending on the gate's current state. Refer to the manual for programming additional remotes or adjusting remote functions.

5.3 Manual Release

In the event of a power outage or system malfunction, the gate can be operated manually. Use the provided release key to disengage the actuator mechanism, allowing you to push the gate open or closed by hand. Re-engage the mechanism for automatic operation once power is restored or the issue is resolved.

6. MAINTENANCE

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

- **Monthly:** Inspect the gate and hinges for proper operation. Ensure the gate moves freely without excessive friction.
- **Quarterly:** Check all mounting hardware for tightness. Inspect wiring for any signs of wear, damage, or loose connections.
- **Annually:** Lubricate moving parts of the gate and opener as recommended in the detailed manual. Clean any debris from the actuators and control box.
- **Safety Devices:** Regularly test any installed safety devices, such as photo-eye sensors, to ensure they are functioning correctly.

7. TROUBLESHOOTING

If you encounter issues with your ALEKO GG1700NOR gate opener, refer to the following common problems and solutions. For more complex issues, consult the detailed user manual or contact customer support.

- **Gate Not Responding to Remote:**
 - Check remote battery.
 - Ensure the remote is programmed correctly.
 - Verify power to the control box.
- **Gate Opens/Closes Partially:**
 - Check for obstructions in the gate path.
 - Verify limit settings are correctly adjusted.
 - Inspect the gate for binding or excessive friction.
- **No Power to System:**
 - Check the main power supply and circuit breaker.
 - Inspect all power connections to the control box.
 - If using battery backup, check battery charge.
- **Unusual Noises During Operation:**
 - Inspect for loose hardware or worn components.
 - Check for proper lubrication of moving parts.

8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Manufacturer	ALEKO
Part Number	GG1700
Item Weight	33.1 pounds
Product Dimensions	40 x 18 x 7 inches
Item Model Number	GG1700
Size	1700
Style	1700 - Standard Kit
Item Package Quantity	1
Batteries Included?	No
Batteries Required?	No
ASIN	B00DUEUM1K
Date First Available	July 9, 2013

9. WARRANTY INFORMATION

The ALEKO GG1700NOR Automatic Dual Swing Gate Opener comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product.



This graphic features a circular gold and black badge, clearly indicating a '1 YEAR WARRANTY' in bold white text. The design includes decorative stars, emphasizing the product's warranty period.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting guidance, or to inquire about warranty claims, please contact ALEKO customer service. Refer to your purchase documentation or the official ALEKO website for the most current contact information.