

JUJIANG PKM-C026-400

JUJIANG Automatic Dual Swing Gate Opener

Model: PKM-C026-400

1. INTRODUCTION

The JUJIANG Automatic Dual Swing Gate Opener, Model PKM-C026-400, is designed to provide automated access control for dual swing gates. This system is suitable for gates weighing up to 770 lbs and measuring up to 16 feet per leaf. It offers enhanced convenience and security for various applications including residential, commercial, courtyard, farm, ranch, and driveways.

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your gate opener system. Please read it thoroughly before beginning any procedures.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in serious injury or property damage.

- Always ensure the gate area is clear of people, pets, and obstructions before operating the gate opener.
- Do not allow children to play near the gate or with the remote controls.
- Keep hands and clothing away from moving parts of the gate and opener.
- In case of power outage, use the manual release key to operate the gate.
- Ensure all electrical connections are made by a qualified professional and comply with local electrical codes.
- The system features a safety stop-and-reverse function. Test this feature regularly to ensure proper operation.

For detailed safety guidelines, refer to the comprehensive user manual provided with your product.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components listed below are present and undamaged:



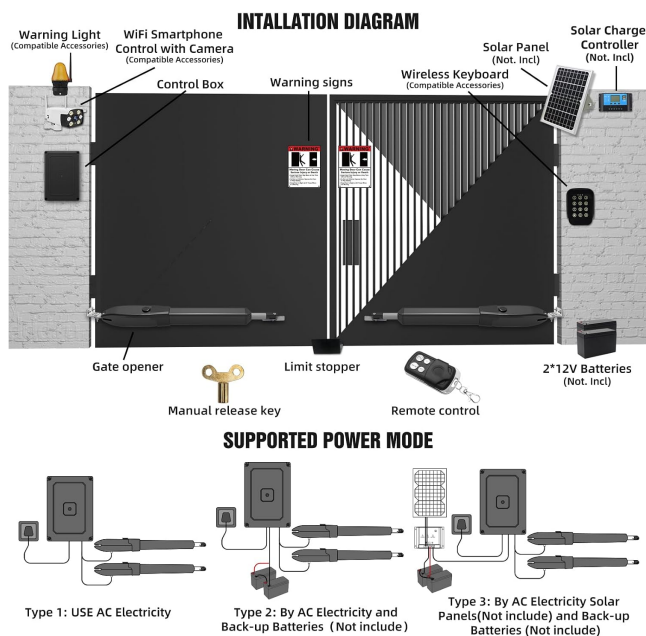
Description: This image displays the complete kit for the JUJIANG Automatic Dual Swing Gate Opener. It includes the two main linear actuators, the grey control box, two black remote controls, various mounting brackets, bolts, screws, and a manual release key. The user manual is also visible in the lower right corner.

- 2 x Gate Opener Arms (Linear Actuators)
- 1 x Control Box with Smart Chip
- 2 x Remote Controls (supports up to 120 remotes)
- 1 x Manual Release Key
- 1 Set of Mounting Hardware (brackets, bolts, screws)
- 1 x User Manual (PDF)

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your gate opener. The system supports both Push-to-Open and Pull-to-Open configurations, allowing for inward or outward gate opening.

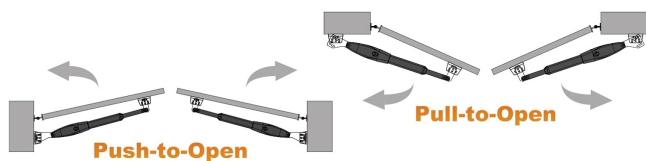
4.1 Installation Diagram and Gate Compatibility



Description: This image illustrates the overall installation diagram for the gate opener system, including the control box, gate opener arms, and optional accessories like warning lights, wireless keypads, and solar panels. It also details the three supported power supply modes: AC electricity only, AC electricity with backup batteries, and solar panel with batteries.

CUSTOMIZABLE OPENING OPTIONS

All Types of Medium duty single & dual doors
Each gate can be controlled and set individually



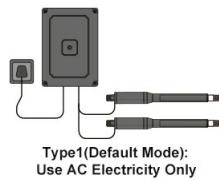
Gate Weight (per leaf)	350KG(770lbs)	✓	NR	NR	NR	NR	NR
	300KG(660lbs)	✓	✓	NR	NR	NR	NR
	250KG(550lbs)	✓	✓	✓	NR	NR	NR
	200KG(440lbs)	✓	✓	✓	NR	NR	NR
	160KG(350lbs)	✓	✓	✓	✓	NR	NR
	110KG(240lbs)	✓	✓	✓	✓	✓	NR
	50KG(100lbs)	✓	✓	✓	✓	✓	✓
		1.2-1.8M(4"-6")	2.4M(8")	3M(10")	3.6M(12")	4.3M(14")	5M(16")

Description: This table provides a compatibility chart for the gate opener, indicating the maximum gate weight (in KG and LBS) and length (in meters and feet) supported for both Push-to-Open and Pull-to-Open installation styles. It helps users determine if their gate dimensions are suitable for the system.

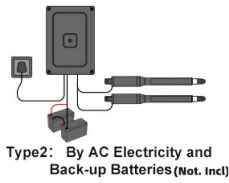
4.2 Power Supply Options

The JUJIANG gate opener offers flexible power supply options:

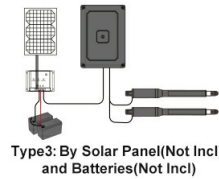
- **Type 1: AC Electricity Only:** Connects directly to 110V AC municipal electricity.
- **Type 2: AC Electricity and Backup Batteries:** Allows for the addition of 24V batteries (not included) as a backup power source during outages.
- **Type 3: Solar Panel and Batteries:** Utilizes solar panels and solar charge controllers (not included) to charge batteries for off-grid operation.



AC Electricity Only



AC + Backup Batteries



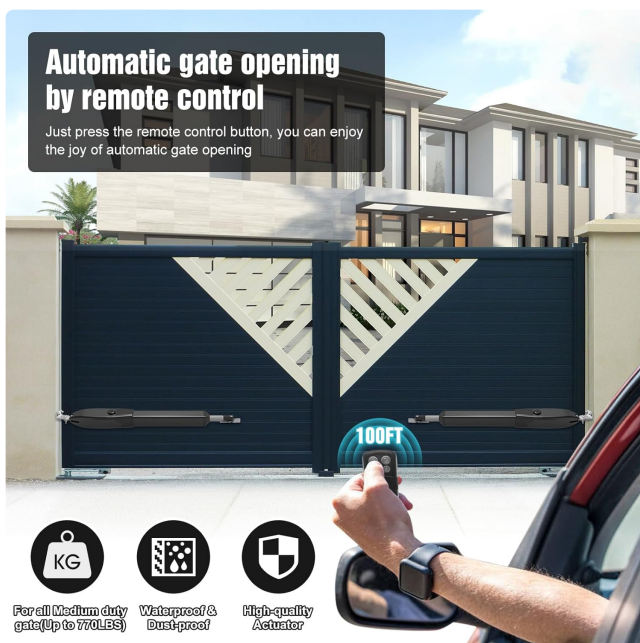
Solar + Batteries

For detailed step-by-step installation instructions, including mounting the actuators, wiring the control box, and setting up limit stoppers, please refer to the comprehensive user manual.

5. OPERATING INSTRUCTIONS

The JUJIANG gate opener is designed for user-friendly operation with its remote controls and smart features.

5.1 Remote Control Operation



Description: This image shows a person's hand holding a remote control from inside a car, with a dual swing gate in the background opening automatically. It highlights the convenience of remote operation and indicates a maximum control distance of 100 feet.

- The system comes with two remote controls, capable of operating the gate from a distance of up to 100 feet.
- The control box supports up to 120 remote controls, allowing multiple users access.
- The '1' key typically controls motor 2, and the '2' key controls both motor 1 and motor 2 for dual gate operation.

Refer to your manual for specific button assignments.

5.2 Smart Features

- **Safety Stop-and-Reverse:** If an obstruction is detected during opening or closing, the gate will automatically stop and reverse direction to prevent damage or injury.
- **Auto-Close:** This feature automatically closes the gate after a set period, enhancing security.
- **Soft Start and Stop:** The gate opener initiates and concludes its movement smoothly, reducing wear and tear on the motor and gate hardware, contributing to a longer lifespan.

Detailed programming instructions for features like auto-close and individual arm control are available in the user manual.

6. MAINTENANCE

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

6.1 General Care

- Keep the gate area clean and free from debris, especially around the gate tracks and hinges.
- Periodically inspect all mounting hardware and connections for tightness and signs of wear.
- Check the gate hinges for smooth operation and lubricate them if necessary.

6.2 Weather Resistance



Description: This image highlights the gate opener's durability in various weather conditions, including dust, rain, and snow, with an operating temperature range of -7°F to 131°F. It also emphasizes its IP55 waterproof and dustproof rating and insect-proof design, ensuring reliable performance outdoors.

The gate opener is designed with an IP55 waterproof and dustproof rating, allowing it to operate reliably in various weather conditions, from -7°F to 131°F. While designed for durability, it is still recommended to clear heavy snow or ice accumulation from the gate path to prevent strain on the system.

7. TROUBLESHOOTING

If you encounter issues with your gate opener, refer to the following common problems and solutions. For more

complex issues, consult the full user manual or contact customer support.

7.1 Common Issues

Problem	Possible Cause	Solution
Gate does not open/close	No power, remote battery low, obstruction, motor issue.	Check power supply, replace remote battery, clear obstructions, check wiring connections.
Gate opens/closes partially	Obstruction, limit settings incorrect, low power.	Clear obstructions, re-adjust limit settings as per manual, check power supply.
Remote control not working	Battery dead, out of range, remote not programmed.	Replace battery, move closer to gate, re-program remote.
Gate reverses unexpectedly	Obstruction detected by safety feature.	Inspect gate path for any objects or resistance.

Always ensure the gate path is clear. The automatic obstacle detection feature is designed to enhance safety by stopping or reversing the actuator arm if it encounters an obstruction during operation.

8. SPECIFICATIONS

Feature	Specification
Model Number	PKM-C026-400
Max. Gate Weight (per leaf)	770 lbs (350 kg)
Max. Gate Length (per leaf)	16 ft (5 m)
Motor Power	60W
Power Supply	110V AC (supports 24V battery/solar options)
Remote Control Range	Up to 100 ft
IP Rating	IP55 (Waterproof & Dustproof)
Operating Temperature	-7°F to 131°F (-21°C to 55°C)
Item Weight	41.6 pounds
Product Dimensions	18 x 5 x 31 inches

9. WARRANTY AND SUPPORT

JUJIANG is committed to providing high-quality products and excellent customer service.

- **Exchange & Return:** Enjoy a 30-day worry-free exchange and return policy.
- **Warranty:** The product comes with a 12-month warranty from the date of purchase.
- **Technical Support:** Lifetime technical support is available for all JUJIANG customers.

For any questions, assistance, or to claim warranty services, please contact JUJIANG customer service.

Professional solutions are readily available to address your needs.

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