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## GATEXPERT SW440DC-DUAL

# GATEXPERT SW440DC Dual Arms Swing Gate Opener Kit

Automatic Gate Operator for Gates up to 440 Pounds and 6.56 Feet

Model: SW440DC-DUAL

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GATEXPERT SW440DC Dual Arms Swing Gate Opener Kit. This automatic gate operator is designed for dual swing gates, providing convenience and security for residential and light commercial applications. Please read this manual thoroughly before installation and operation to ensure proper function and safety.



Figure 1.1: Complete GATEXPERT SW440DC Dual Arms Swing Gate Opener Kit, including two gate opener arms, control box, remote controls, and various mounting hardware.

## Product Features:

- **Max. Single-Leaf Capacity:** Supports gates up to 200kg (440lbs) in weight and 6.56 feet in length per single leaf.
- **Power Compatibility:** Operates on 24VDC and can be connected to a 24V solar system (not included) or a 110V AC power supply via the integrated transformer.
- **Pre-Programmed Remotes:** The included remote controls are pre-learned at the factory, simplifying initial setup.
- **Automatic Travel Setting:** Requires initial travel setting after installation for optimal performance.
- **Low Power Consumption:** The control board automatically enters a low consumption mode after one minute of inactivity.



Figure 1.2: Detailed view of the SW440DC dual arms, along with the included remote controls and the convenient limit stop component.

## 2. SAFETY INFORMATION

It is crucial to observe all safety precautions during the installation, operation, and maintenance of the gate opener. Failure to do so may result in serious injury or property damage. Keep children and pets away from the gate area, especially during operation.

- Always disconnect power before performing any service or maintenance.
- Ensure the gate area is clear of obstructions before activating the opener.
- Do not allow children to play with or operate the gate controls.
- Install safety devices such as photocells or safety edges to prevent entrapment.
- Regularly inspect the gate and opener for signs of wear, damage, or loose hardware.
- Consult a qualified technician if you are unsure about any installation or repair procedures.

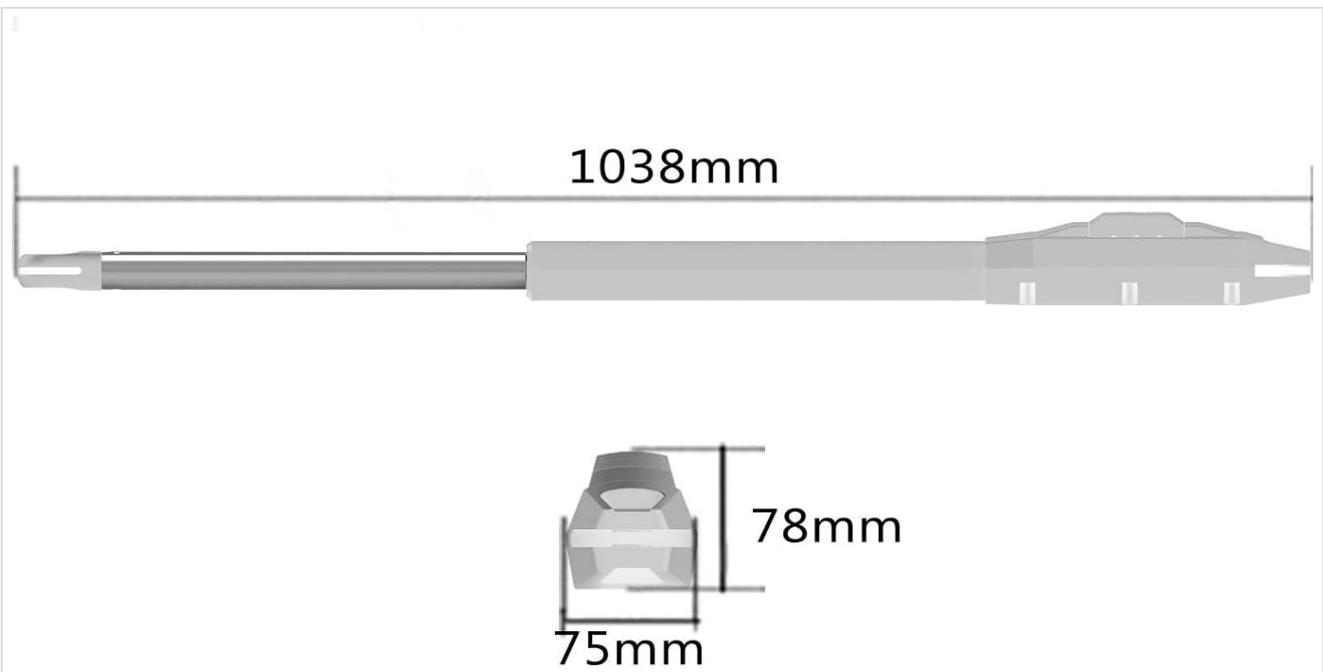


Figure 2.1: Important warning sign indicating the dangers associated with moving gates, emphasizing the risk of serious injury or death.

### 3. TECHNICAL SPECIFICATIONS

The following table outlines the key technical specifications for the GATEXPERT SW440DC Dual Arms Swing Gate Opener Kit:

Specification	Value
Model Number	SW440DC-DUAL
Max. Single-Leaf Weight	200 kg (440 lbs)
Max. Single-Leaf Length	2 meters (6.56 feet)
Motor Voltage	24VDC
AC Power Compatibility	110V AC (via internal transformer)
Item Weight	28.3 pounds
Package Dimensions	32.5 x 10.5 x 8 inches
Batteries Required	No



Figure 3.1: Dimensional drawing of the gate opener arm, indicating a total length of 1038mm, a height of 78mm, and a width of 75mm.

## 4. SETUP AND INSTALLATION

Proper installation is critical for the safe and efficient operation of your gate opener. It is recommended that installation be performed by individuals with basic DIY skills and knowledge of electrical connections.

### 4.1 Component Overview

# PRODUCT DETAILS



Figure 4.1: Internal view of the control box, displaying the circuit board and various electrical components.



Figure 4.2: The included GATEXPERT remote control, pre-programmed for immediate use.



Figure 4.3: The convenient limit stop, used to define the gate's open and closed positions.

## 4.2 Installation Steps:

1. **Mounting the Arms:** Securely attach the gate opener arms to your gate and gate posts using the provided mounting hardware. Ensure the arms are level and aligned for smooth operation. The mounting brackets are designed for various post types; adjustments may be necessary for non-standard installations.
2. **Connecting the Control Box:** Mount the control box in a secure, weather-protected location near the gate. Connect the motor wires from each arm to the designated terminals in the control box.
3. **Power Connection:** Connect the control box to your power source. The system is compatible with 24VDC (e.g., solar system) or 110V AC power. Ensure all electrical connections are secure and insulated.
4. **Accessory Connections (Optional):** If using optional accessories such as an alarm lamp, solar panel, wireless keyboard, infrared sensor, or electric lock, connect them according to the wiring diagram provided in the full manual.
5. **Initial Travel Setting:** After all components are installed and connected, it is essential to perform the travel setting. This process teaches the gate opener the full open and close positions of your gate. Refer to the detailed instructions in the full manual for the specific steps to perform this setting.

### ABOUT THIS ITEM

【Max.single-leaf weight/length】 Max.single-leaf weight:200kg(440lbs);  
Max.single-leaf length:6.56ft.

【Compatibility】 --The motor is 24VDC ,it can compatible with 24V solar system (not included in the package). There is a transformer in the control box, so you can also connect it to 110V AC power supply.

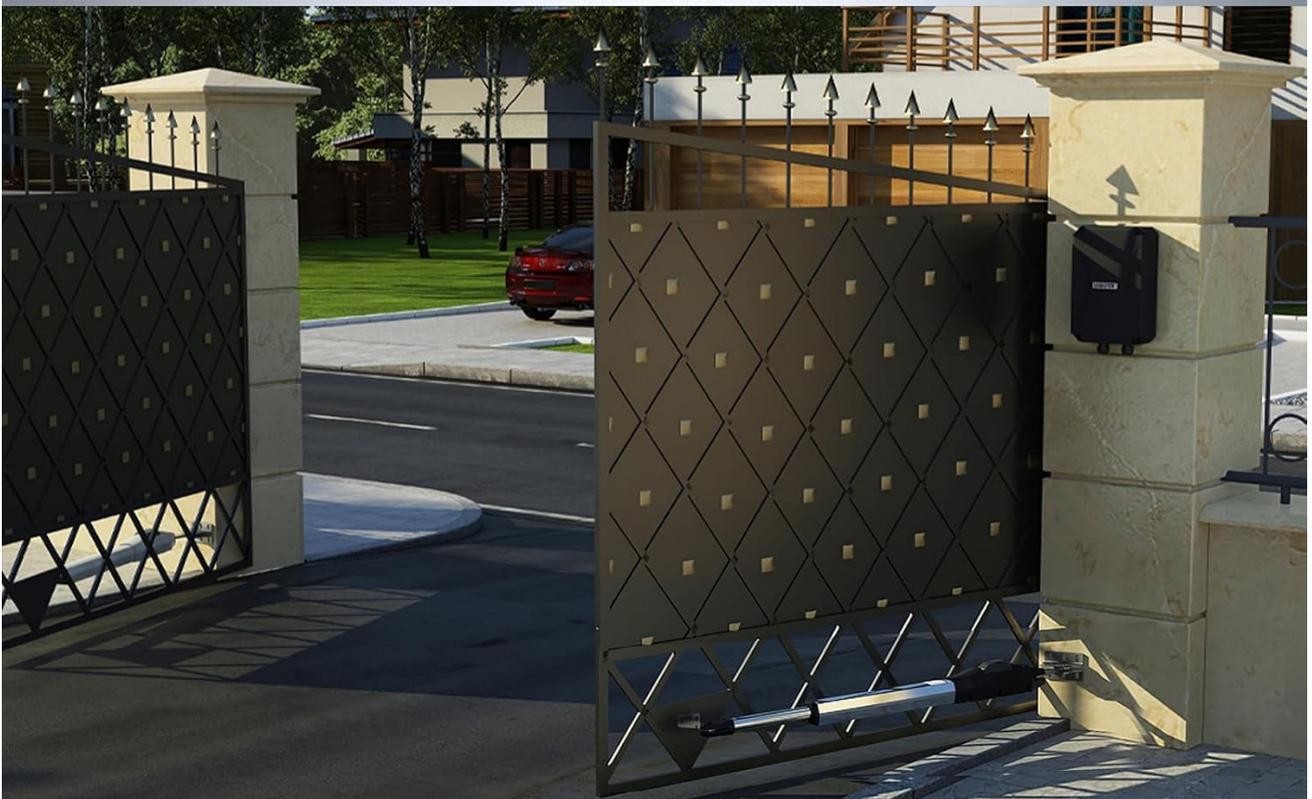


Figure 4.4: Illustrative diagram of a typical dual swing gate installation, showing the placement of the gate openers, control box, and various optional accessories like solar panels and sensors.

## 5. OPERATING INSTRUCTIONS

Once installed and the travel setting is complete, your GATEXPERT SW440DC gate opener is ready for operation.

### 5.1 Using the Remote Control

- The included remote controls are pre-programmed. Pressing the designated button on the remote will initiate the gate's open or close cycle.
- A single press typically cycles the gate through Open-Stop-Close-Stop.
- Ensure you have a clear line of sight to the gate and that the area is free of obstructions before activating.

### 5.2 Manual Release

In case of power failure or emergency, the gate opener arms can be manually disengaged. Locate the manual release mechanism on each arm (refer to the full manual for exact location and procedure) and follow the instructions to unlock the gate, allowing it to be opened or closed by hand.

## 6. MAINTENANCE

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

- **Periodic Inspection:** Annually inspect all mounting hardware, electrical connections, and moving parts for wear, corrosion, or damage. Tighten any loose screws or bolts.
- **Cleaning:** Keep the gate opener arms and control box clean from dirt, debris, and insects.
- **Lubrication:** Apply a suitable lubricant to moving mechanical parts as recommended in the full manual to ensure smooth operation.
- **Low Consumption Mode:** The control board automatically enters a low consumption mode after one minute of no operation on the initial screen, optimizing power usage.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your gate opener. For more complex problems, please contact GATEXPERT customer support.

Problem	Possible Cause & Solution
Gate does not respond to remote	<ul style="list-style-type: none"><li>• <b>No power:</b> Check power supply to the control box.</li><li>• <b>Remote battery:</b> Replace remote control batteries.</li><li>• <b>Remote not paired:</b> Ensure remotes are correctly paired (though factory pre-programmed, re-pairing may be needed after power loss or reset).</li></ul>
Gate opens/closes partially	<ul style="list-style-type: none"><li>• <b>Travel setting not performed/incorrect:</b> Perform or re-do the travel setting procedure.</li><li>• <b>Obstruction:</b> Check for physical obstructions in the gate's path.</li><li>• <b>Motor issue:</b> Inspect motor arms for damage or binding.</li></ul>

Problem	Possible Cause & Solution
Gate operates erratically	<ul style="list-style-type: none"><li>• <b>Loose connections:</b> Check all wiring connections in the control box and to the motors.</li><li>• <b>Sensor interference:</b> If using safety sensors, ensure they are clean and aligned.</li></ul>
Unusual noises during operation	<ul style="list-style-type: none"><li>• <b>Lack of lubrication:</b> Lubricate moving parts as per maintenance section.</li><li>• <b>Mechanical wear:</b> Inspect for worn gears or bearings.</li><li>• <b>Loose hardware:</b> Tighten any loose bolts or mounting brackets.</li></ul>

## 8. WARRANTY INFORMATION

GATEXPERT products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact GATEXPERT customer support directly. Keep your proof of purchase for warranty claims.

## 9. CUSTOMER SUPPORT

If you require further assistance, have questions about installation, operation, or need to report an issue, please contact GATEXPERT customer support. You can typically find contact information on the product packaging, the GATEXPERT official website, or through the retailer where you purchased the product.

For more information, visit the official [GATEXPERT Store on Amazon](#).

## 10. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were found for this model in the provided data.