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› VEVOR Automatic Sliding Gate Opener User Manual

VEVOR PY817

VEVOR Automatic Sliding Gate Opener User Manual

Model: PY817

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your VEVOR Automatic Sliding Gate Opener. Please read this manual thoroughly before installation and use, and keep it for future reference.

The VEVOR Automatic Sliding Gate Opener is designed for convenient and secure access control for various applications, including hotels, factories, schools, private homes, farms, and ranches. It features a robust design with a pure copper motor and a stable base, ensuring durability and resistance to corrosion and rust. The unit is also equipped with a waterproof and dustproof shell for reliable performance in various weather conditions.



Image: The VEVOR Automatic Sliding Gate Opener unit, showcasing its main body, gear, remote controls, emergency keys, and various installation hardware components.

2. SAFETY INSTRUCTIONS

Always prioritize safety during installation, operation, and maintenance. Failure to follow these instructions may result in serious injury or damage to property.

- Ensure all electrical connections are performed by a qualified electrician and comply with local regulations.
- Keep children and pets away from the gate area during operation.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Regularly inspect the gate and opener for any signs of wear, damage, or obstruction.
- The motor features a temperature protection device and adjustable thrust to prevent overload. The anti-shock stroke design ensures the gate stops and reverses if an obstacle is encountered during closing or opening.



Image: Close-up of the gate opener unit showing a safety warning label, indicating that motor vehicles and pedestrians must not cross the gate while it is in motion to prevent accidents.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. If any items are missing or damaged, please contact VEVOR customer support.

- 1 x Main Gate Opener Motor Unit
- 2 x Wireless Remote Controls
- 2 x Emergency Release Keys
- Installation Hardware (bolts, nuts, brackets, etc.)
- Mounting Plate
- Chain/Rack (4 meters)
- Photocell Sensors (if included in your specific package)



Image: A comprehensive view of all components included with the VEVOR Automatic Sliding Gate Opener, including the main unit, gear, remote controls, keys, mounting plate, and various bolts and brackets.

4. SETUP AND INSTALLATION

The VEVOR Automatic Sliding Gate Opener is designed for straightforward installation. All necessary hardware and accessories are provided in the package. For detailed wiring and specific mounting instructions, please refer to the included wiring diagram and step-by-step guide.

4.1 Site Preparation

- Ensure the gate slides smoothly and is properly aligned.
- Prepare a stable, level concrete pad or foundation for mounting the opener unit.
- Ensure access to a suitable power supply.

4.2 Mounting the Unit

Securely fasten the main gate opener unit to the prepared foundation using the provided mounting plate and bolts. Ensure the unit is level and correctly positioned relative to the gate's rack or chain.



Image: An illustrative diagram demonstrating the typical setup for the VEVOR Automatic Sliding Gate Opener, showing the gate operator, sliding gate, chain, and limit blocks for easy installation.

4.3 Electrical Connections

Connect the power supply and any accessories (e.g., photocell sensors, external buttons) according to the wiring diagram in the full instruction manual. It is highly recommended to have this step performed by a certified electrician.

4.4 Limit Switch Adjustment

Adjust the open and close limit switches to define the gate's full travel path. This ensures the gate stops precisely at the desired open and closed positions.

5. OPERATING INSTRUCTIONS

Your VEVOR Automatic Sliding Gate Opener offers convenient and flexible operation.

5.1 Remote Control Operation

The system includes two wireless 4-button remote controls. These remotes can operate the gate from a distance of over 99 feet (approximately 30 meters).

- **Open Button:** Press to open the gate.
- **Close Button:** Press to close the gate.
- **Stop Button:** Press to stop the gate at any point during its travel.
- **Pedestrian Mode Button:** Activates a partial opening for pedestrian access.



Image: Two wireless remote controls with four buttons each, designed for operating the VEVOR Automatic Sliding Gate Opener from up to 100 feet away.

5.2 Emergency Release

In case of a power outage or malfunction, use the emergency release key to manually disengage the motor and open or close the gate. Insert the key into the lock and turn it to release the mechanism.

5.3 Gate Movement Speed

The VEVOR gate opener provides efficient and swift gate movement, ensuring quick access while maintaining safety.



Image: A sliding gate in operation, demonstrating the high move speed achieved with the VEVOR Automatic Sliding Gate Opener unit

positioned at its base.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your VEVOR Automatic Sliding Gate Opener. The unit is built with a waterproof and dustproof shell and is resistant to corrosion and rust, minimizing the need for extensive maintenance.

- **Monthly Inspection:** Check the gate's movement for any unusual noises or resistance. Ensure the rack/chain is clean and free of debris.
- **Lubrication:** Periodically lubricate the gate's moving parts (hinges, rollers, rack/chain) as recommended by the gate manufacturer.
- **Cleaning:** Keep the exterior of the opener unit clean. Wipe down with a damp cloth to remove dust and dirt. Avoid using harsh chemicals.
- **Electrical Check:** Annually, have a qualified electrician inspect all electrical connections for wear or damage.

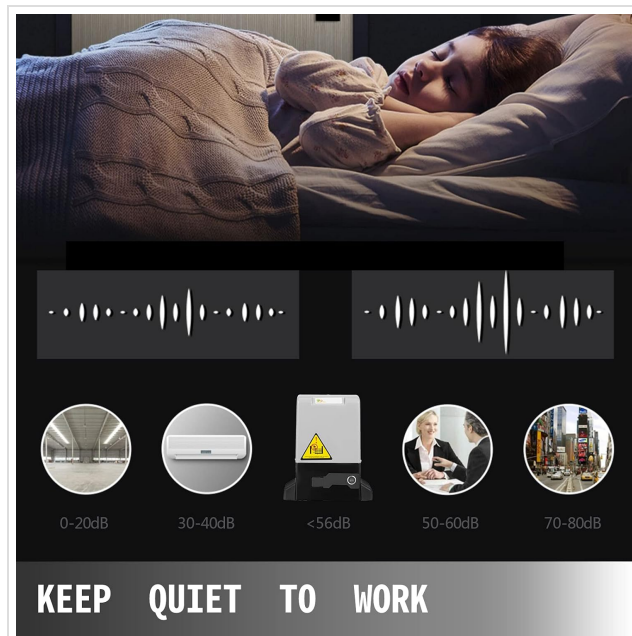


Image: The VEVOR Automatic Sliding Gate Opener unit with water droplets on its surface, illustrating its durable, waterproof, and dustproof design for reliable operation in adverse weather conditions.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here, please contact VEVOR customer support.

Problem	Possible Cause	Solution
Gate does not move.	No power; remote control battery low; emergency release engaged; obstruction.	Check power supply; replace remote batteries; disengage emergency release; remove obstruction.

Problem	Possible Cause	Solution
Gate stops unexpectedly.	Obstruction detected (safety feature); motor overheating.	Remove obstruction; allow motor to cool down. The anti-shock stroke design will stop and reverse the gate if an obstacle is encountered.
Remote control range is poor.	Interference; low battery; antenna obstruction.	Check for sources of interference; replace remote batteries; ensure antenna is clear.
Unusual noise during operation.	Lack of lubrication; worn parts; debris in rack/chain.	Lubricate moving parts; inspect for worn components; clean rack/chain.

8. SPECIFICATIONS

Feature	Detail
Brand	VEVOR
Model Number	PY817
Power	280 W
Material	Copper (Motor), Durable Housing
Product Dimensions	52 x 35 x 35 cm (20.5 x 13.8 x 13.8 inches)
Item Weight	17.3 kg (38.1 lbs)
Recommended Use	Hotels, factories, schools, private homes, farms, and ranches
Safety Standards	CE, EN 13241-1
UPC	197988000204
Remote Control Range	Over 99 feet (approx. 30 meters)
Noise Level	Quiet operation (less than 56dB)



Image: A diagram illustrating the physical dimensions of the VEVOR Automatic Sliding Gate Opener unit, showing its height, width, and depth measurements.



Image: A graphic illustrating the quiet operation of the VEVOR Automatic Sliding Gate Opener, comparing its noise level (less than 56dB) to common sounds like a quiet room or office environment.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official VEVOR website. Keep your proof of purchase for any warranty claims.

You can also visit the VEVOR brand store on Amazon for more products and support:

[Visit the VEVOR Store](#)

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