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Blütezeit ME-GO-800

Blütezeit 1800lb Automatic Sliding Gate Opener User Manual

Model: ME-GO-800 | Brand: Blütezeit

1. Safety Information

Your safety is paramount. Please read and understand all safety instructions before installation and operation.

- The sliding gate opener includes an infrared (IR) sensor designed to detect obstacles. This feature automatically stops the gate to prevent accidents.
- The adjustable rebound force ensures the gate reverses its direction upon contact with an obstruction, enhancing safety.
- Over-heating protection is integrated into the motor for an additional layer of security and product longevity.
- Always ensure the installation area is clear of obstructions and that all safety devices are properly installed and functioning.
- For detailed safety guidelines, refer to the officialSafety Information PDF.

2. Package Contents

Verify that all components listed below are included in your package:

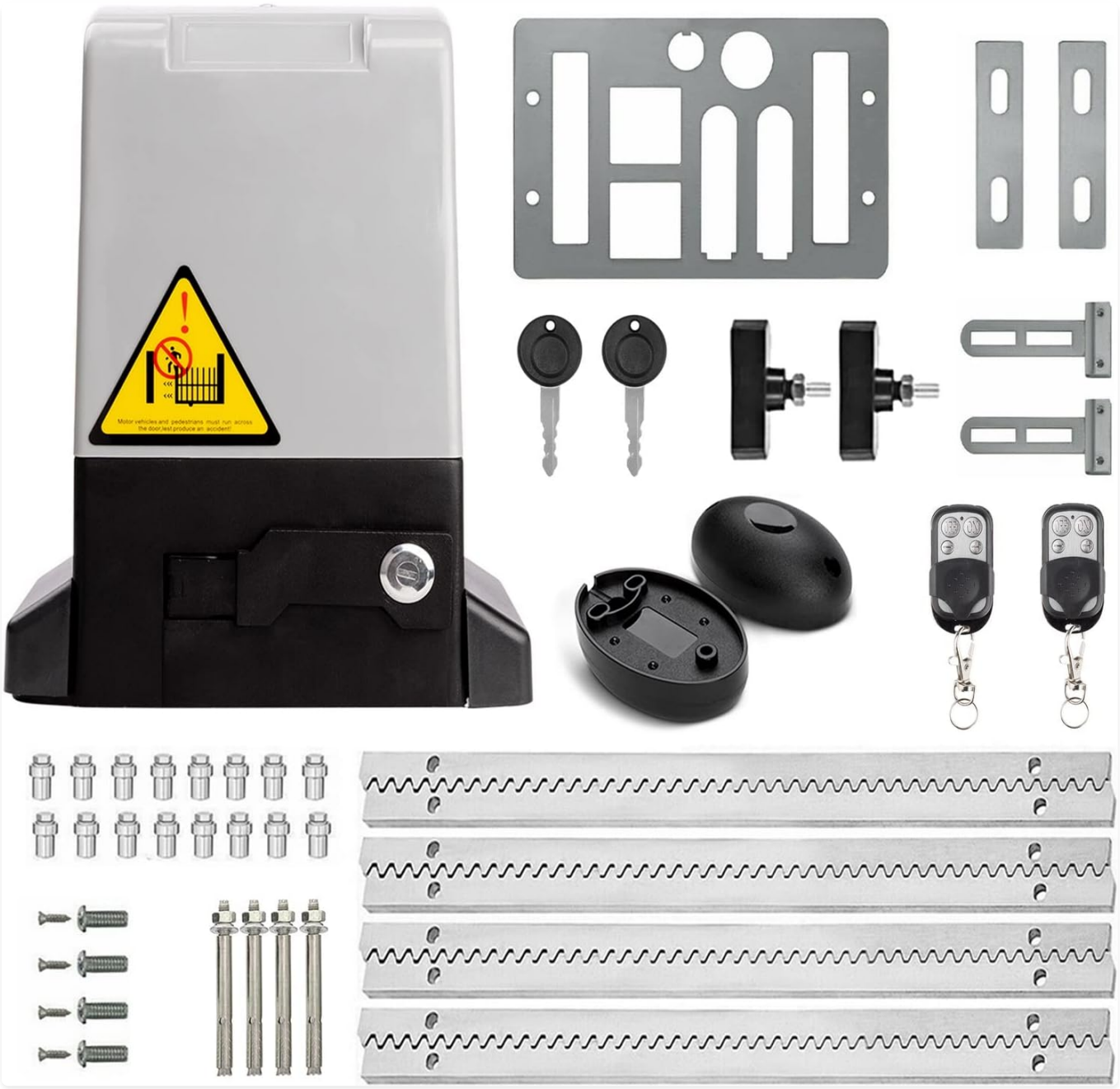


Image Description: A comprehensive view of the Blütezeit Automatic Sliding Gate Opener and all its included accessories, neatly laid out. This includes the main motor unit, steel gear racks, remote controls, manual release keys, infrared photocell beam sensors, metal base, and various installation hardware.

- **1 x Main Engine:** The primary motor unit responsible for gate movement.
- **8 x Steel Gear Rack:** Each piece is 1.64ft, totaling 13.12ft. These racks engage with the motor's gear to move the gate.
- **2 x Remote Control:** Four-key remotes for wireless operation (12V 27A batteries included).
- **2 x Manual Release Key:** For disengaging the motor clutch during power outages or for manual operation.
- **1 x Installation Accessories Kit:** Contains various bolts, nuts, and brackets for secure mounting.
- **2 x Infrared Photocell Beam Sensors:** Safety sensors to detect obstacles in the gate's path.
- **1 x Metal Base:** A sturdy base for mounting the main engine.
- **1 x User Manual:** This document provides detailed instructions.

3. Setup and Installation

Proper installation is crucial for the optimal performance and safety of your gate opener. For a detailed step-by-step guide, please refer to the official Installation Manual (PDF).

3.1 Installation Overview Video

Your browser does not support the video tag.

Video Description: This video provides a comprehensive overview of the installation process for the Blütezeit Automatic Sliding Gate Opener, demonstrating key steps and component assembly.

3.2 Mounting the Main Engine

Secure the main engine to a stable, level surface using the provided metal base and expansion screws. Ensure the base is firmly anchored to support the weight and operational forces of the gate.

3.3 Attaching the Steel Gear Racks



Image Description: Close-up view of the steel gear racks and their attachment points, illustrating how they connect to the gate for smooth sliding motion.

Attach the steel gear racks along the bottom edge of your sliding gate. The racks should be aligned precisely with the motor's gear. Use the provided bolts to firmly secure each rack segment. For metal gates, the racks can be welded into place for maximum stability.

3.4 Installing Magnetic Limit Switches

Install the two magnetic limit switches at the desired open and closed positions of your gate. These switches signal the motor to stop, preventing over-travel. Refer to the installation manual for precise placement and adjustment.

3.5 Connecting Infrared Sensors



Image Description: An illustration showing the placement and function of the infrared sensors, which create a beam across the gate's path to detect obstructions.

Mount the infrared photocell beam sensors on opposite sides of the gate opening, ensuring the beam is unobstructed and aligned. These sensors are a critical safety feature, stopping the gate if the beam is broken by an object or person.

4. Operating Instructions

4.1 Remote Control Operation



Image Description: A person inside a car using a remote control to operate the sliding gate opener, highlighting the 100ft remote control range.

Your gate opener comes with two 4-key remote controls. These remotes allow you to open, close, or stop the gate from up to

100 feet away. Ensure the remote controls have fresh 12V 27A batteries installed for optimal performance.

- Press the designated button on the remote to open the gate.
- Press the designated button again to stop the gate at any point.
- Press the designated button to close the gate.

4.2 Auto-Closing Feature



Image Description: A car driving through an open gate, with a visual representation of the gate automatically closing behind it after a set delay.

The gate opener features an auto-closing function, which can be set to automatically close the gate after a specified delay. You can program the auto-close timer to 5s, 10s, or 20s. This feature enhances security and convenience.

4.3 Manual Release

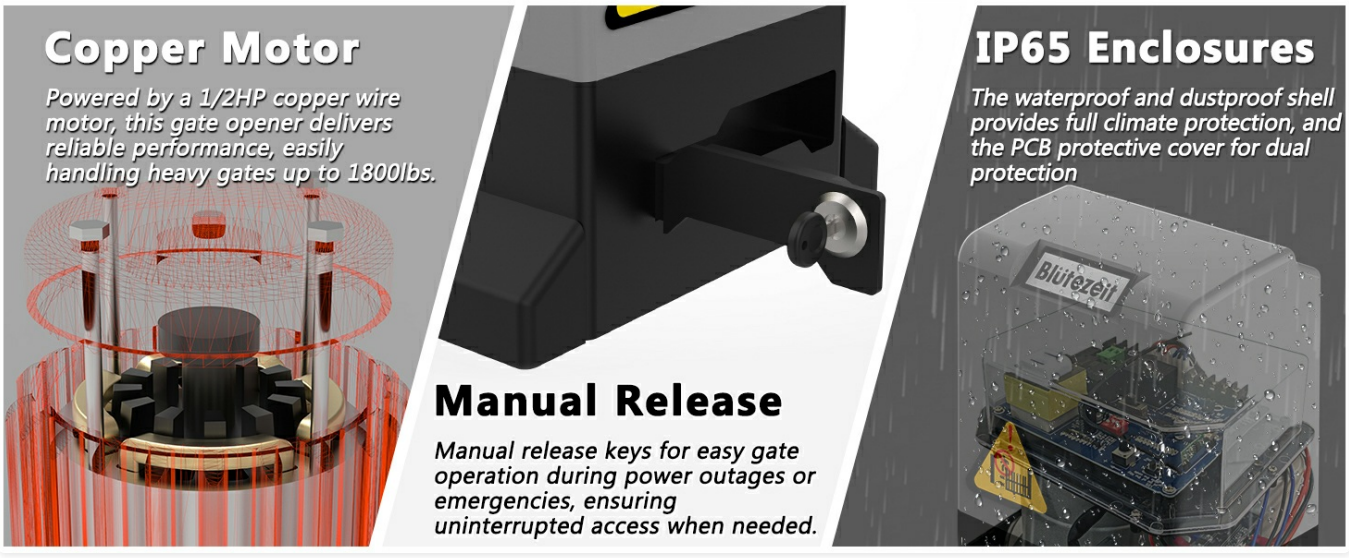


Image Description: A close-up of the manual release mechanism on the gate opener, showing the keyhole for disengaging the clutch.

In the event of a power outage or if manual operation is preferred, you can use the provided manual release keys to disengage the motor's clutch. This allows you to open or close the gate by hand.

- Insert the manual release key into the keyhole on the side of the main engine.
- Turn the key to disengage the clutch.
- Manually push or pull the gate to open or close it.
- To re-engage the motor, turn the key back to its original position and remove it.

4.4 Infrared Sensor Functionality

The infrared sensors continuously monitor the gate's path. If an obstacle breaks the infrared beam during operation, the gate will automatically stop or reverse its direction to prevent damage or injury. Ensure the sensors are kept clean and free from obstructions.

5. Maintenance

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



Image Description: An illustration highlighting the durable, weatherproof shell of the gate opener, designed to withstand various environmental conditions.

- **Regular Cleaning:** Keep the main engine unit, gear racks, and sensors clean from dirt, debris, and leaves. Use a soft, damp cloth.
- **Lubrication:** Periodically inspect and lubricate the gear racks and any moving parts of the gate itself to ensure smooth and quiet operation.
- **Sensor Check:** Regularly test the infrared sensors by placing an object in the gate's path to ensure they are functioning correctly and stopping the gate.
- **Hardware Inspection:** Check all mounting bolts and screws for tightness. Re-tighten if necessary to prevent loosening due to vibrations.
- **Weather Resistance:** The unit features IP65 enclosures, making it dust-tight and waterproof. While designed for tough conditions (-13°F to 131°F), extreme weather may require more frequent checks.

6. Troubleshooting

If you encounter any issues with your gate opener, refer to the following common troubleshooting tips. For more complex problems, please contact technical support.

Problem	Possible Cause	Solution
Gate does not respond to remote.	Dead remote batteries, remote out of range, power outage.	Replace remote batteries. Move closer to the gate. Check power supply and use manual release if needed.
Gate stops or reverses unexpectedly.	Infrared sensor obstructed, excessive force setting.	Clear sensor path. Clean sensor lenses. Adjust force settings as per manual.
Gate makes unusual noises.	Lack of lubrication, debris in gear rack, loose components.	Lubricate gear racks. Clean debris from racks. Check and tighten all hardware.
Gate does not open/close completely.	Limit switches incorrectly set, gate obstruction.	Adjust magnetic limit switch positions. Check for physical obstructions.

7. Product Specifications

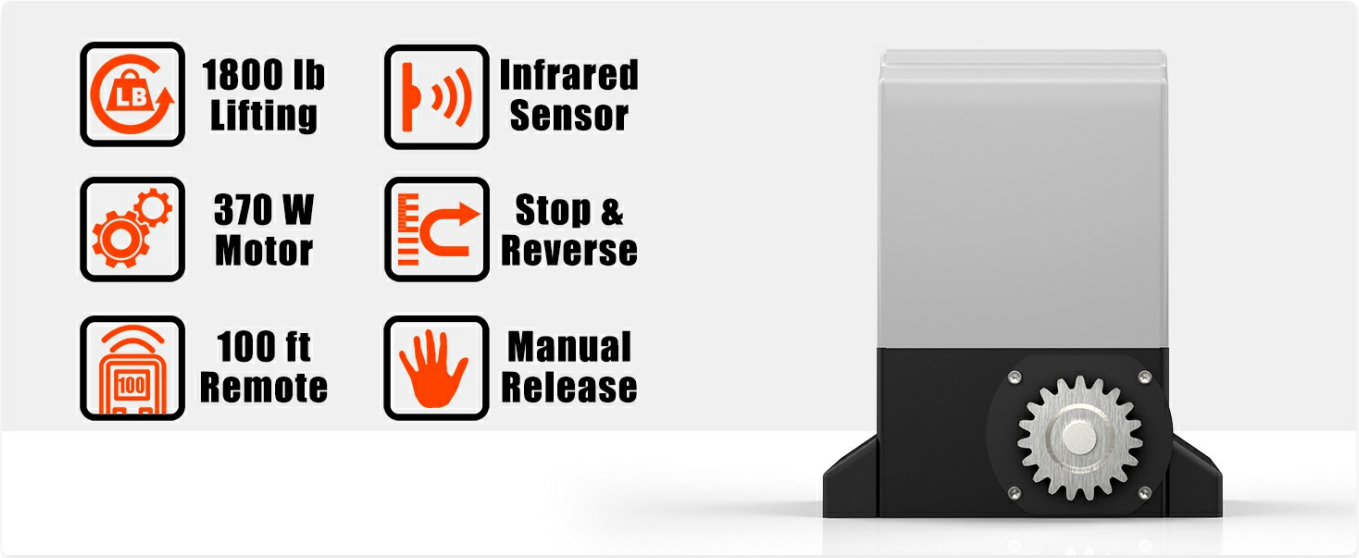


Image Description: A visual summary of the gate opener's key specifications, including lifting capacity, motor power, remote range, and safety features.

Specification	Detail
Model Number	ME-GO-800
Brand	Blütezeit
Max Gate Weight	1800 lbs
Max Gate Length	40 ft
Motor Power	370W (0.5 HP) Copper Motor

Specification	Detail
Voltage	AC 110V
Noise Level	≤45dB
Operating Temperature	-13°F to 131°F
Remote Control Range	Up to 100 ft
Enclosure Rating	IP65 (Dust-tight and Waterproof)
Product Dimensions	12 x 9.84 x 16.5 inches
Item Weight	43.3 pounds

8. Warranty and Support



Image Description: An image illustrating various channels for technical support, including online service, phone support, and engineer solutions.

Blütezeit is committed to providing reliable assistance and ensuring your satisfaction. We offer:

- **Lifetime Technical Support:** Our dedicated team is available to provide prompt assistance for any installation or operation queries you may have.
- **Customer Service:** For any issues, questions, or to optimize the performance of your gate opener, please reach out to our customer support. Contact information can be found on our official website or through your purchase platform.

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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.

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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.

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