Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Blütezeit ME-GO-1800

Blütezeit ME-GO-1800 (4000 lb Capacity) Automatic Sliding Gate Opener Instruction Manual

Model: ME-GO-1800

1. Important Safety Information

Read and understand all instructions before installation and operation. Failure to follow these instructions may result in serious injury or property damage. This gate opener is designed for sliding gates up to 4000 lbs and 40 ft in length.

- **Obstacle Detection:** The integrated infrared (IR) sensor system detects obstacles in the gate's path, automatically stopping the gate to prevent accidents.
- **Rebound Force:** The adjustable rebound force feature ensures the gate reverses direction upon contact with an obstruction.
- **Over-heating Protection:** The motor is equipped with over-heating protection to prevent damage from prolonged use.
- **Clear Area:** Always ensure the gate path is clear of people, pets, and objects before and during operation.
- **Children:** Do not allow children to play near the gate or operate the remote controls.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified professional.



Image: Infrared sensors detect obstacles to ensure safe gate operation.

2. Package Contents

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

- 1 x Main Engine (Gate Opener Motor)
- 8 x Steel Gear Racks (1.64 ft/piece, 13.12 ft total length)
- 2 x Remote Controls (12V 27A batteries included)
- 2 x Manual Release Keys
- 1 x Installation Accessories Kit (bolts, nuts, anchors)
- 2 x Infrared Photocell Beam Sensors
- 1 x Metal Base
- 1 x User Manual (this document)

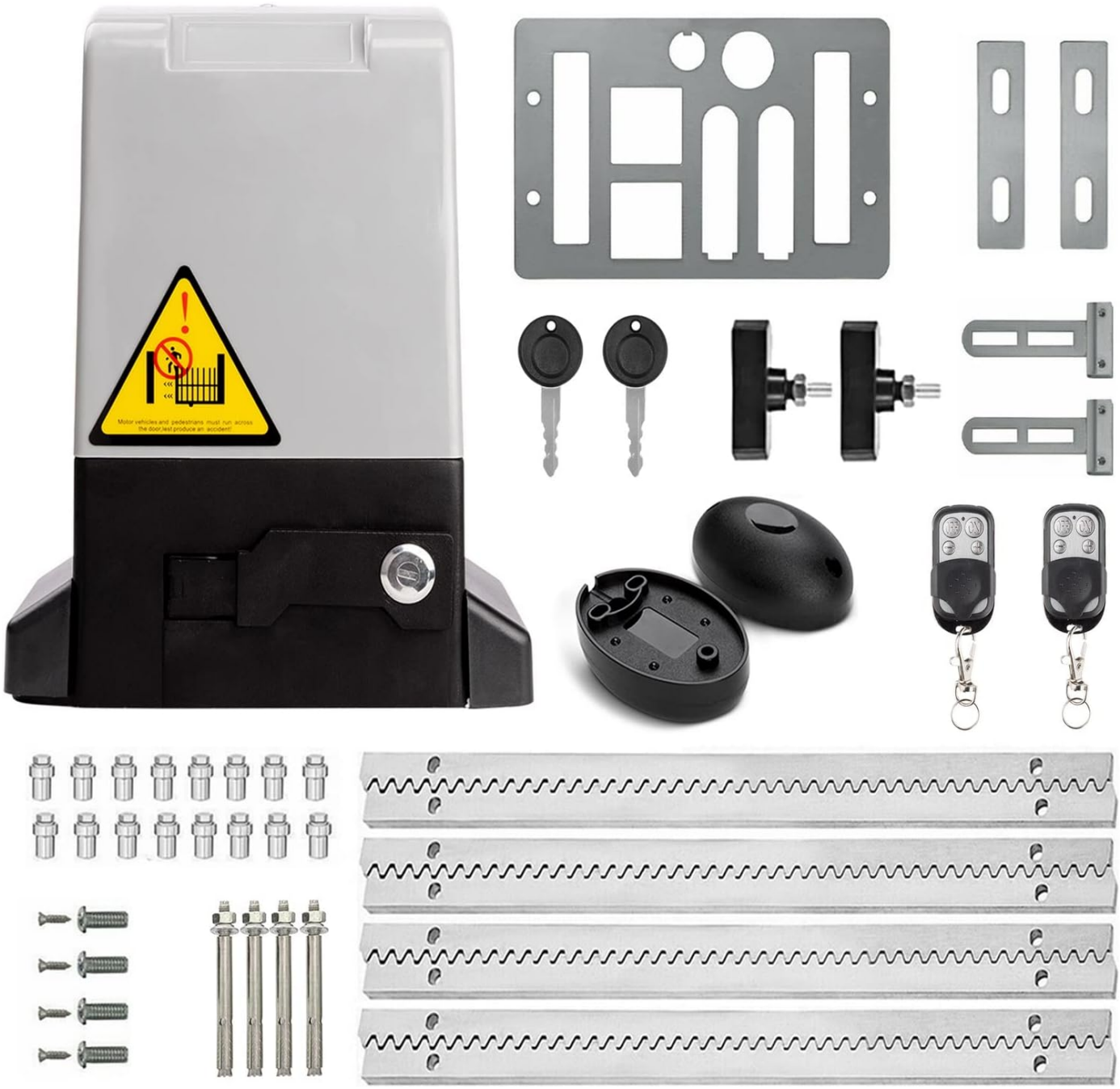


Image: Overview of the Blütezeit automatic sliding gate opener and its included accessories.

3. Setup and Installation

Proper installation is crucial for the safe and efficient operation of your gate opener. Ensure the installation area is clear and level.

3.1 Site Preparation

- Ensure the gate moves freely and smoothly by hand before installing the opener.
- The mounting surface for the motor must be solid and level. Uneven surfaces can affect performance and durability.
- Confirm adequate space for the motor and gear racks along the gate's travel path.

3.2 Mounting the Motor

1. Position the metal base plate on a concrete pad or other stable, level surface adjacent to the gate.
2. Mark the drilling points through the base plate. Drill holes and secure the base plate using appropriate anchors. It is

recommended to use high-grade anchors for secure fastening.

3. Mount the main engine onto the secured metal base.

3.3 Installing the Gear Racks

The steel gear racks are essential for the gate's movement. They should be installed precisely to ensure smooth operation.

1. Attach the first gear rack section to the bottom of the gate, ensuring it is level and properly aligned with the motor's drive gear. Maintain a small clearance (approximately 1-2mm) between the rack and the motor gear to allow for smooth movement and prevent binding.
2. Continue attaching subsequent rack sections, ensuring they are perfectly aligned with each other and the motor gear along the entire length of the gate.
3. The rack-driven system provides quiet operation (less than 45dB) compared to chain-driven alternatives.

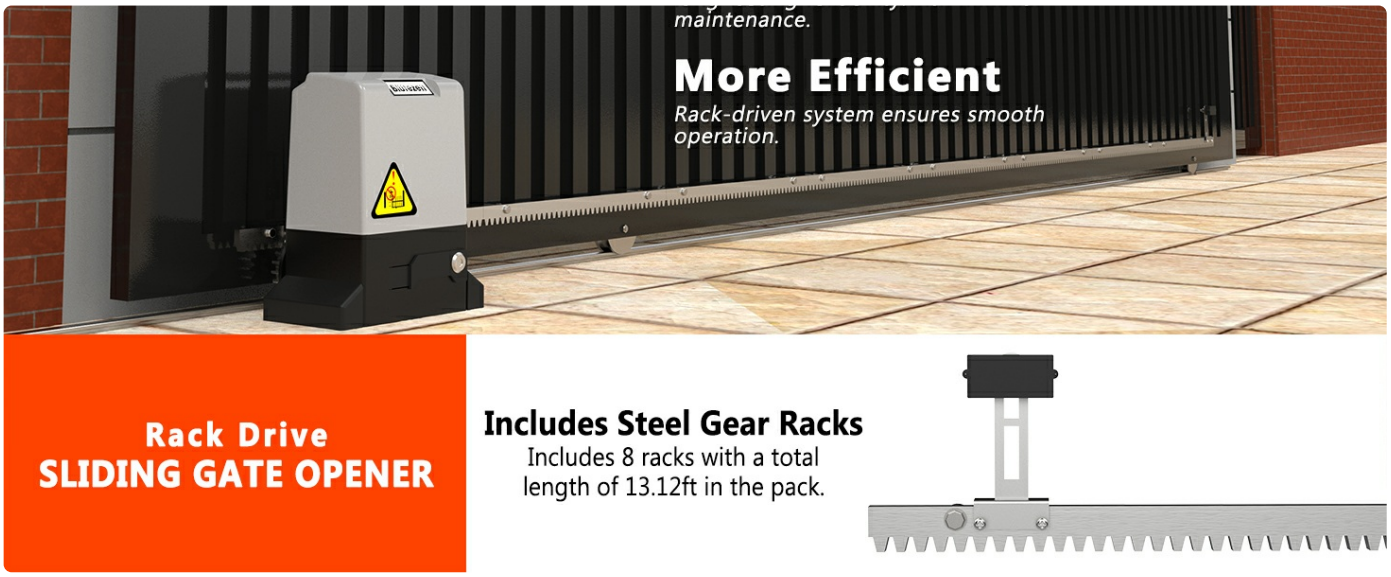


Image: Illustration of the steel gear racks and their interaction with the motor's drive gear for smooth gate movement.

3.4 Wiring and Power Connection

- Connect the gate opener to a standard AC 110V power supply. Ensure all wiring is done according to local electrical codes and safety standards.
- Connect the infrared photocell beam sensors. These sensors create a safety beam across the gate opening. If the beam is interrupted, the gate will stop or reverse.

4. Operating Instructions

Once installed, your Blütezeit gate opener offers convenient and secure operation.

4.1 Remote Control Operation

- The system includes two 4-key remote controls with a range of up to 100 feet.
- Press the designated button on the remote to open or close the gate.
- The system supports pairing with up to 40 remote codes. Refer to the detailed programming section in the full user manual for pairing additional remotes.



Image: Convenient remote control operation from a vehicle, effective up to 100 feet.

4.2 Auto-Closing Feature

- The auto-closing function can be programmed to automatically close the gate after a set period.
- Available auto-close timer settings are 5 seconds, 10 seconds, or 20 seconds.
- To set or adjust the auto-closing timer, refer to the control board programming instructions in the comprehensive manual.



Image: The auto-closing feature ensures the gate secures itself after a programmable delay.

4.3 Manual Release

- In case of a power outage or system malfunction, the gate can be operated manually.
- Insert the manual release key into the lock on the motor unit and turn it to disengage the motor, allowing the gate to be pushed open or closed by hand.

4.4 Optional Wi-Fi Module

- This gate opener supports an optional Wi-Fi module (sold separately) for smartphone app control.
- The Wi-Fi module allows you to control and monitor your gate from anywhere using a compatible mobile application.

5. Maintenance

The Blütezeit automatic sliding gate opener is designed for durability and requires minimal maintenance. Regular checks can extend its lifespan and ensure optimal performance.

- **Cleanliness:** Keep the gear racks and the motor unit free from dirt, debris, leaves, and ice. Obstructions can hinder smooth operation.
- **Lubrication:** Periodically check and lubricate moving parts as recommended in the detailed manual.
- **Fasteners:** Inspect all mounting bolts and fasteners regularly to ensure they are tight and secure.
- **Sensor Check:** Test the infrared sensors periodically to confirm they are functioning correctly and detecting obstacles.
- **Weather Resistance:** The unit features an IP55 waterproof and dustproof shell, designed to operate reliably in temperatures from -13°F to 131°F.

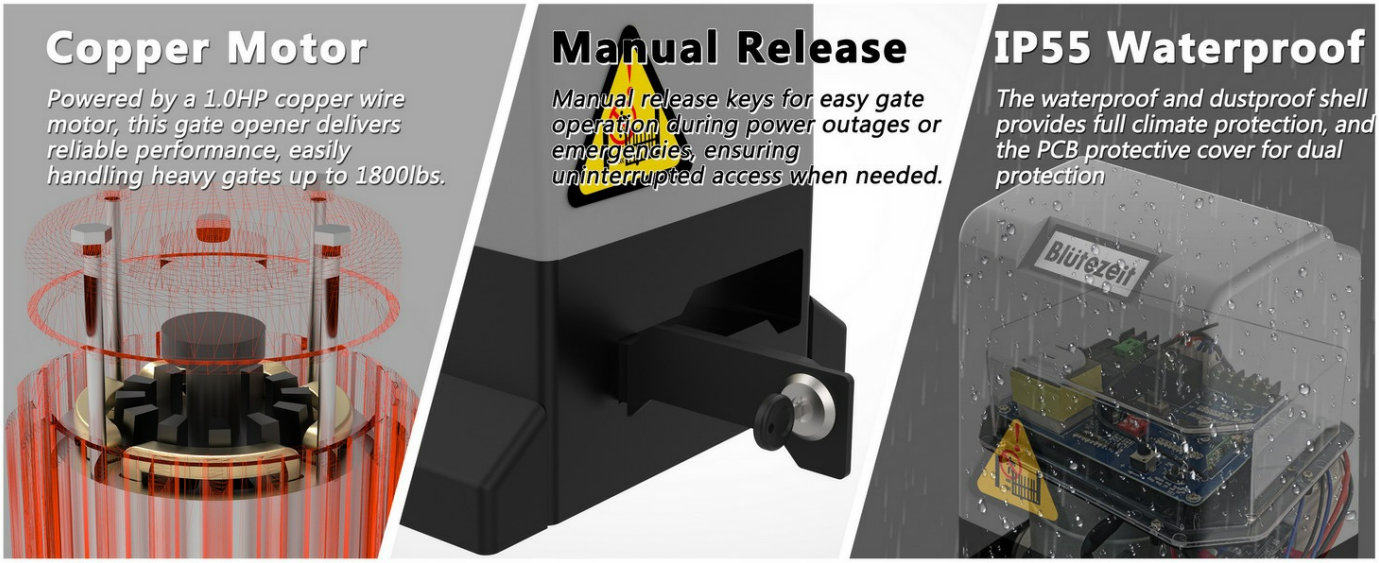


Image: Internal components including the copper motor, manual release mechanism, and the IP55 rated protective casing.

6. Troubleshooting

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

Problem	Possible Cause	Solution
Gate does not move	No power; Remote control battery low; Obstruction in gate path; Manual release engaged.	Check power supply; Replace remote battery; Clear obstructions; Disengage manual release.
Gate stops or reverses unexpectedly	Infrared sensor triggered; Obstruction detected by rebound force; Motor overheating.	Check and clean IR sensors; Clear gate path; Allow motor to cool down.
Remote control not working	Battery dead; Remote out of range; Remote not paired.	Replace battery; Move closer to the gate; Re-pair remote control (refer to manual).
Noisy operation	Gear racks misaligned; Lack of lubrication; Debris in gears.	Check rack alignment and adjust; Lubricate moving parts; Clean gears.
Gate opener base is loose	Anchors are not secure or of insufficient quality.	Inspect and tighten existing anchors. If necessary, replace with higher-grade anchors for better stability.

For more detailed troubleshooting steps, please consult the complete user manual or contact technical support.

7. Specifications

Feature	Detail
Model Number	ME-GO-1800

Feature	Detail
Max Gate Weight	4000 lbs
Max Gate Length	40 ft
Motor Power	750W (1 HP) Copper Motor
Voltage	AC 110V
Operating Noise Level	≤45dB
Remote Control Range	Up to 100 ft
Operating Temperature	-13°F to 131°F (-25°C to 55°C)
Protection Rating	IP55 (Waterproof & Dustproof)
Product Dimensions	7.68 x 8.07 x 12.8 inches
Item Weight	45.6 pounds

8. Warranty and Support

Blütezeit is committed to providing reliable products and excellent customer service.

- **Technical Support:** Enjoy lifetime technical support for seamless installation and operation. Our team is available to provide prompt assistance and help resolve any issues.
- **Contact:** For technical guidance or support, please refer to the contact information provided in your product packaging or visit the official Blütezeit website.

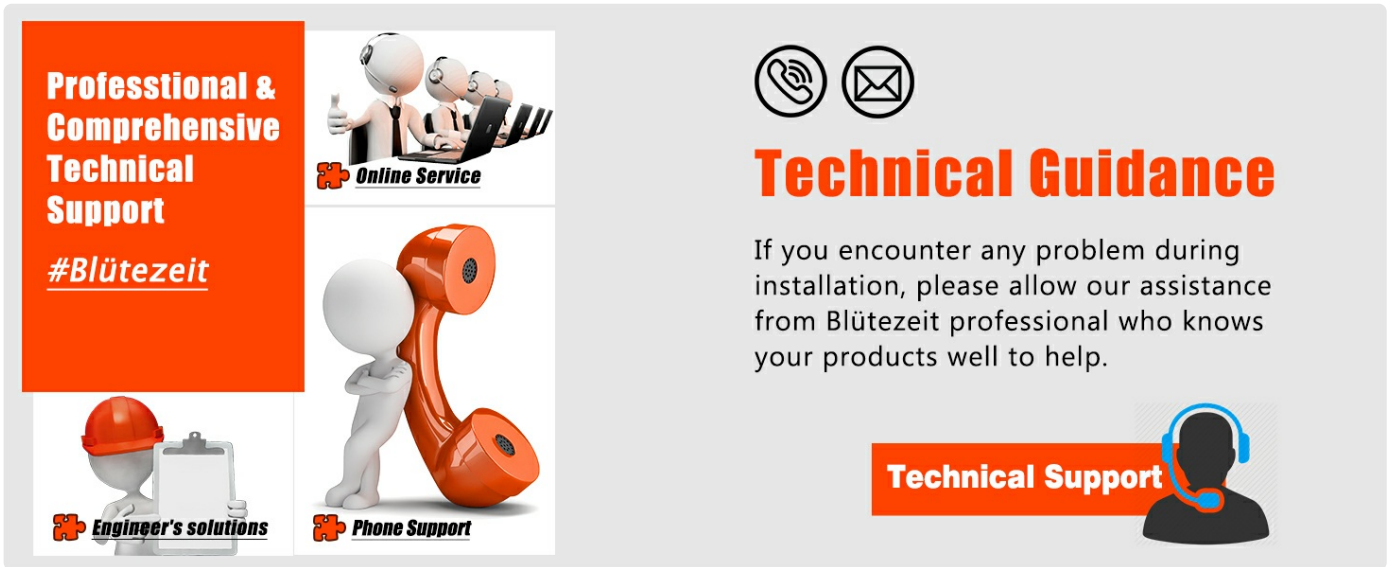


Image: Visual representation of available technical support channels including online service and phone support.

© 2023 Blütezeit. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0B7777T57

More documents and user manuals: **https://manuals.plus/**