

## Motorline SLIDE800A

# Motorline SLIDE800A Kit

## Sliding Gate Automation System User Manual

### 1. INTRODUCTION

Thank you for choosing the Motorline SLIDE800A Kit. This automation system is designed for reliable and efficient operation of sliding gates weighing up to 800 kg. This manual provides essential information for the safe installation, operation, and maintenance of your new gate opener.

Please read this manual thoroughly before beginning installation or operation to ensure proper functioning and to prevent damage or injury. Keep this manual for future reference.

### 2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage:

- Installation and repairs must be performed by qualified personnel only.
- Disconnect power to the unit before performing any maintenance or repair work.
- Do not allow children to play with or operate the gate opener or its controls.
- Ensure that the gate area is clear of people, pets, and obstructions before operating the gate.
- Install safety devices such as photocells and safety edges to prevent crushing or entrapment.
- Regularly inspect the gate and opener for signs of wear, damage, or misalignment.
- Do not attempt to modify the system components. Use only original Motorline spare parts.

### 3. PACKAGE CONTENTS

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

- 1x Motorline SLIDE800A Motor Unit
- 1x Electronic Control Unit with Integrated Receiver
- 2x Remote Controls
- Mounting Accessories (screws, brackets, etc.)
- Emergency Release Key



This image displays the complete Motorline SLIDE800A Kit. It includes the robust black motor unit with a visible gear for gate movement, a green electronic control board with various components, two black and silver remote controls for gate operation, and two additional smaller keyfob-style remote controls.

## 4. SETUP AND INSTALLATION

The installation of the Motorline SLIDE800A Kit requires technical knowledge and should be performed by a qualified installer. The following steps are a general guide:

1. **Prepare the Foundation:** Construct a stable concrete foundation for the motor unit adjacent to the gate. Ensure it is level and provides adequate drainage.
2. **Mount the Motor Unit:** Securely fasten the SLIDE800A motor unit to the prepared foundation using the provided mounting accessories. Ensure the gear aligns correctly with the gate's rack.
3. **Install the Gate Rack:** Attach the gate rack (not included in this kit) to the sliding gate, ensuring it meshes perfectly with the motor unit's gear along the entire travel path of the gate.
4. **Electrical Connections:** Connect the motor unit to the main power supply (110 Vac or 230 Vac as per your model) and wire the electronic control unit. Connect any optional safety devices (photocells, flashing lights) and control devices (keypads, push buttons) to the control unit as per the wiring diagram in the detailed installation manual.
5. **Limit Switch Adjustment:** Adjust the mechanical or magnetic limit switches to define the gate's fully open and fully closed positions.
6. **Remote Control Programming:** Program the remote controls to the integrated receiver in the electronic control unit. Refer to the specific instructions for remote control pairing.
7. **Test Operation:** Perform several test cycles to ensure the gate opens and closes smoothly, the safety devices function correctly, and the limit switches stop the gate at the desired positions.

## 5. OPERATING INSTRUCTIONS

Operating the Motorline SLIDE800A is straightforward:

- **Opening/Closing:** Press the designated button on your remote control or connected control device (e.g., push button, keypad). The gate will begin to open or close.
- **Stopping:** Press the same button again during gate movement to stop the gate at any desired position.
- **Emergency Release:** In case of power failure or malfunction, use the emergency release key to manually unlock the motor. This allows you to open or close the gate by hand. Re-engage the lock after manual operation.
- **Safety Features:** The system is equipped with safety features such as obstacle detection (if configured with photocells). If an obstacle is detected, the gate will stop or reverse its movement.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Motorline SLIDE800A Kit:

- **Monthly:**
  - Inspect the gate's movement for any obstructions or unusual noises.
  - Clean the gate rack and motor gear to remove dirt, leaves, or debris.
  - Check the functionality of safety devices (photocells, safety edges) by intentionally breaking the beam or pressing the edge.
- **Every 6 Months:**
  - Check all electrical connections for tightness and signs of corrosion.
  - Inspect the mounting bolts of the motor unit and gate rack for tightness.
  - Lubricate moving parts of the gate (hinges, rollers) if applicable, ensuring no lubricant gets on the motor gear or rack.
- **Annually:**
  - Have a qualified technician perform a comprehensive inspection of the entire system.

## 7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions:

Problem	Possible Cause	Solution
Gate does not move.	No power; Emergency release engaged; Remote control battery dead; Safety device activated.	Check power supply; Disengage emergency release; Replace remote battery; Check safety devices (photocells, etc.) for obstructions.
Gate stops mid-movement.	Obstacle detected; Limit switch faulty; Motor overheating.	Remove obstacle; Check and adjust limit switches; Allow motor to cool down.
Remote control not working.	Battery dead; Out of range; Not programmed correctly.	Replace battery; Move closer to receiver; Re-program remote control.
Gate makes unusual noises.	Lack of lubrication; Debris in rack/gear; Worn components.	Lubricate gate moving parts; Clean rack and gear; Contact qualified technician for inspection.

If the problem persists after attempting these solutions, please contact a qualified technician or Motorline customer support.

## 8. SPECIFICATIONS

Feature	Detail
Manufacturer	MOTORLINE
Model	SLIDE800A
Maximum Gate Weight	800 kg
Power Supply	110 Vac or 230 Vac (model dependent)
Motor Type	Lubricated reducer (oil and grease)
Control Unit	Electronic, with integrated receiver
Emergency Release	Manual unlocking mechanism
Item Weight	15 kilograms

## 9. WARRANTY AND SUPPORT

Information regarding the specific warranty period and terms for the Motorline SLIDE800A Kit is not available in the provided product data. Please refer to the warranty card included with your product or contact your point of purchase for detailed warranty information.

For technical support, spare parts, or service inquiries, please contact your authorized Motorline dealer or the customer service department of the seller.