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› Dieffematic 121888/M Industrial Sectional Door Side Motor Kit User Manual

## Dieffematic 121888/M

# Dieffematic 121888/M Industrial Sectional Door Side Motor Kit

User Manual

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Dieffematic 121888/M Industrial Sectional Door Side Motor Kit. Please read this manual thoroughly before beginning any installation or operation procedures.



Image 1: Dieffematic 121888/M Industrial Sectional Door Side Motor Kit. This image displays the complete kit, including the side motor unit and two remote controls (TX).

## 2. SAFETY INSTRUCTIONS

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**WARNING:** Failure to follow these safety instructions could result in serious injury or death. Keep this manual for future reference.

- Installation must be performed by qualified personnel only.
- Ensure the power supply is disconnected before any installation, maintenance, or repair work.
- Do not allow children to operate or play with the motor or remote controls.
- Keep hands and loose clothing clear of moving parts.
- Regularly inspect the door and motor for signs of wear or damage.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before proceeding with installation:

- 1x Dieffematic 220V Industrial Sectional Door Side Motor (Model 121888/M)
- 2x Remote Controls (TX)

- Mounting Hardware Kit
- User Manual (this document)

## 4. SETUP AND INSTALLATION

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**Note:** Installation should only be performed by a qualified technician. Ensure the power supply is disconnected before starting.

### 4.1 Mounting the Motor

1. Identify the correct mounting position on the side of the sectional door shaft.
2. Securely attach the motor bracket to the wall or support structure using the provided mounting hardware.
3. Mount the motor onto the bracket, ensuring it is level and firmly secured.

### 4.2 Electrical Connections

1. Connect the 220V power supply to the motor's terminal block as indicated in the wiring diagram (refer to the diagram provided with the physical product).
2. Ensure all connections are tight and properly insulated.
3. Connect any safety devices (e.g., photocells, safety edges) according to their respective manuals and the motor's wiring diagram.

### 4.3 Limit Switch Adjustment

1. With power restored, carefully operate the door manually to its fully open and fully closed positions.
2. Adjust the motor's limit switches to define the precise open and close positions of the door. Refer to the motor's specific instructions for limit switch adjustment.
3. Test the door operation multiple times to ensure the limits are set correctly and the door stops smoothly.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Remote Control (TX) Operation

- Press the designated button on the remote control to open the door.
- Press the same button again to stop the door during operation.
- Press the button once more to close the door.
- Ensure a clear line of sight between the remote control and the receiver for optimal performance.

### 5.2 Manual Override

In case of power failure or motor malfunction, the motor can be disengaged for manual operation of the door. Locate the manual release mechanism on the motor (usually a lever or pull cord) and follow the instructions provided with the physical product to disengage the motor. Re-engage the motor once power is restored or the issue is resolved.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your Dieffematic motor.

- **Monthly:** Inspect the door for proper balance and smooth operation. Check all mounting hardware for

tightness.

- **Quarterly:** Clean the motor housing and surrounding area. Check electrical connections for corrosion or damage.
- **Annually:** Have a qualified technician inspect the motor, limit switches, and safety devices. Lubricate moving parts of the door as recommended by the door manufacturer.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Motor does not respond to remote.	No power; remote battery dead; remote not programmed; safety device triggered.	Check power supply; replace remote battery; reprogram remote; check safety sensors.
Door stops unexpectedly.	Obstruction; safety device triggered; limit switch issue.	Remove obstruction; check safety sensors; re-adjust limit switches.
Motor runs but door does not move.	Manual release engaged; mechanical issue with door.	Disengage manual release; inspect door mechanism for damage.
Door does not fully open or close.	Limit switches incorrectly set.	Re-adjust limit switches according to Section 4.3.
Unusual noises from motor.	Worn parts; lubrication needed; foreign object.	Inspect for wear; lubricate door parts; check for obstructions. Contact support if noise persists.

## 8. SPECIFICATIONS

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Feature	Detail
Model	121888/M
Brand	Dieffematic
Power Supply	220V
Type	Industrial Sectional Door Side Motor
ASIN	B0B433PLK4
Manufacturer Reference	224989950418

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation included with your purchase or contact Dieffematic customer support. For technical assistance or spare parts, please contact your authorized Dieffematic dealer or visit the official Dieffematic website.

