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› CO-Z SGO-D880-EU Dual Swing Gate Opener Instruction Manual

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CO-Z SGO-D880-EU Dual Swing Gate Opener Instruction Manual

Model: SGO-D880-EU

Brand: CO-Z

1. SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- 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 gate opener yourself. Contact qualified personnel for service.
- Always use the manual release key during power outages or emergencies to operate the gate manually.
- The system is equipped with an obstacle detection feature that stops and reverses the gate if an obstruction is detected. Regularly test this feature to ensure proper function.

2. PRODUCT OVERVIEW

The CO-Z SGO-D880-EU is a robust dual swing gate opener designed for automating two gate leaves. Each motor is capable of handling a gate leaf up to 500 kg (1100 lbs) and 6 meters (20 ft) in length. This system offers flexible power options, including 220V AC household power, or 24V DC power via two 12V batteries (not included) or a solar module kit (not included).

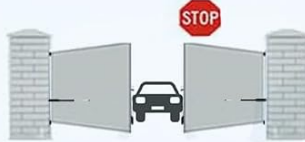
The CO-Z logo is displayed in white text inside a blue rounded rectangular box.

MOTEUR DE PORTAIL BATTANT

Intelligent · Fiable · Sûr



Fermeture automatique avec
15/30/60/90s pré-réglages



Détection d'obstacles
avec rebond automatique



Cryptage haut de gamme
Commande à distance



Direction d'ouverture optionnelle vers l'intérieur/extérieur



Construction résistante
aux intempéries et à la corrosion

Image: Overview of the CO-Z Dual Swing Gate Opener highlighting its intelligent, reliable, and safe features, including automatic closing, obstacle detection, remote control, and weather resistance.

Key Features:

- **Powerful DC Motors:** Two 62W DC motors provide efficient and quiet operation, moving gates at 1.2 meters per minute.
- **Flexible Power Options:** Supports 220V AC, 24V DC battery power, or solar power (components sold separately).
- **Customizable Closing Times:** Set automatic closing delays to 15, 30, 60, or 90 seconds.
- **Weather Resistance:** IP44 rated control box and durable aluminum actuators ensure reliable performance in temperatures from -20°C to 70°C.
- **Advanced Safety:** Integrated obstacle detection system stops and reverses the gate upon sensing an obstruction.

MOTEURS PUISSANTS ENTIÈREMENT EN CUIVRE

pour portail de 2 batants jusqu'à 6 m et 500 kg chacun



62W
Moteurs DC



Efficacité
supérieure



Image: Detailed view of the powerful copper motors, emphasizing 62W DC power and superior efficiency for gates up to 6m and 500kg per leaf.

MATÉRIAUX DE QUALITÉ SUPÉRIEURE

Un système d'ouverture de portail auquel vous pouvez faire confiance



Moteurs en cuivre pur



Actionneurs en aluminium



Boîtier étanche



Arrêt de portail pratique

Image: Illustration of the superior quality materials used, including pure copper motors, aluminum actuators, a waterproof control box, and a robust gate stop.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 2x Arm Actuators
- 1x Manual Release Key
- 2x Remote Controls
- 1x Control Box with protective cover
- 4x Post Base Brackets
- 2x Post Pivot Brackets
- 2x Gate End Brackets
- 4x Gate Tube Brackets and M8 nuts

- 8x M10x200 Bolts, nuts and washers
- 8x M8x70 Bolts, nuts and washers
- 4x M8x25 Bolts, nuts and washers
- 2x Long mounting bolts, nuts and washers
- 2x Short mounting bolts, nuts and washers
- 4x Self-drilling screws 6.3x25
- 1x Limit Stop
- 2x Warning Signs

4. SPECIFICATIONS

Feature	Specification
Model Number	SGO-D880-EU
Manufacturer	CO-Z
Power Input	220V AC or 24V DC (via 2x 12V batteries or solar kit, not included)
Motor Power	62 Watts per motor
Max. Gate Leaf Weight	500 kg (1100 lbs) per leaf
Max. Gate Leaf Length	6 meters (20 ft) per leaf
Gate Speed	1.2 meters per minute
Opening Time	20-30 seconds
Actuator Stroke Length	Max. 45 cm
Protection Rating	IP44
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Product Dimensions (L x W x H)	100 x 10.6 x 10.6 cm (Actuator)
Product Weight	19 kg (Total)
Finish	Aluminum
Color	Black

COMPACT ET PUISSANT



500 kg

Capacité max.
de chaque moteur



6 m

Longueur max.
de chaque portail



Image: Illustration detailing the compact and powerful design, including the maximum capacity of 500 kg per motor and 6 meters maximum gate length, along with actuator dimensions.

5. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your gate opener. Refer to the detailed diagrams and instructions provided in the full installation guide (not included in this summary) for precise measurements and wiring.

5.1 Power Supply Options

The system supports multiple power configurations:

- **220V AC Household Power:** Connect directly to your main electrical supply.
- **24V DC Battery Power:** Requires two 12V lead-acid batteries (not included).
- **Solar Power:** Can be integrated with a solar panel and solar controller kit (not included) for off-grid operation.

PLUS D'UNE OPTION D'ALIMENTATION

Alimentez vos moteurs avec des batteries,
de l'électricité domestique ou de l'énergie solaire

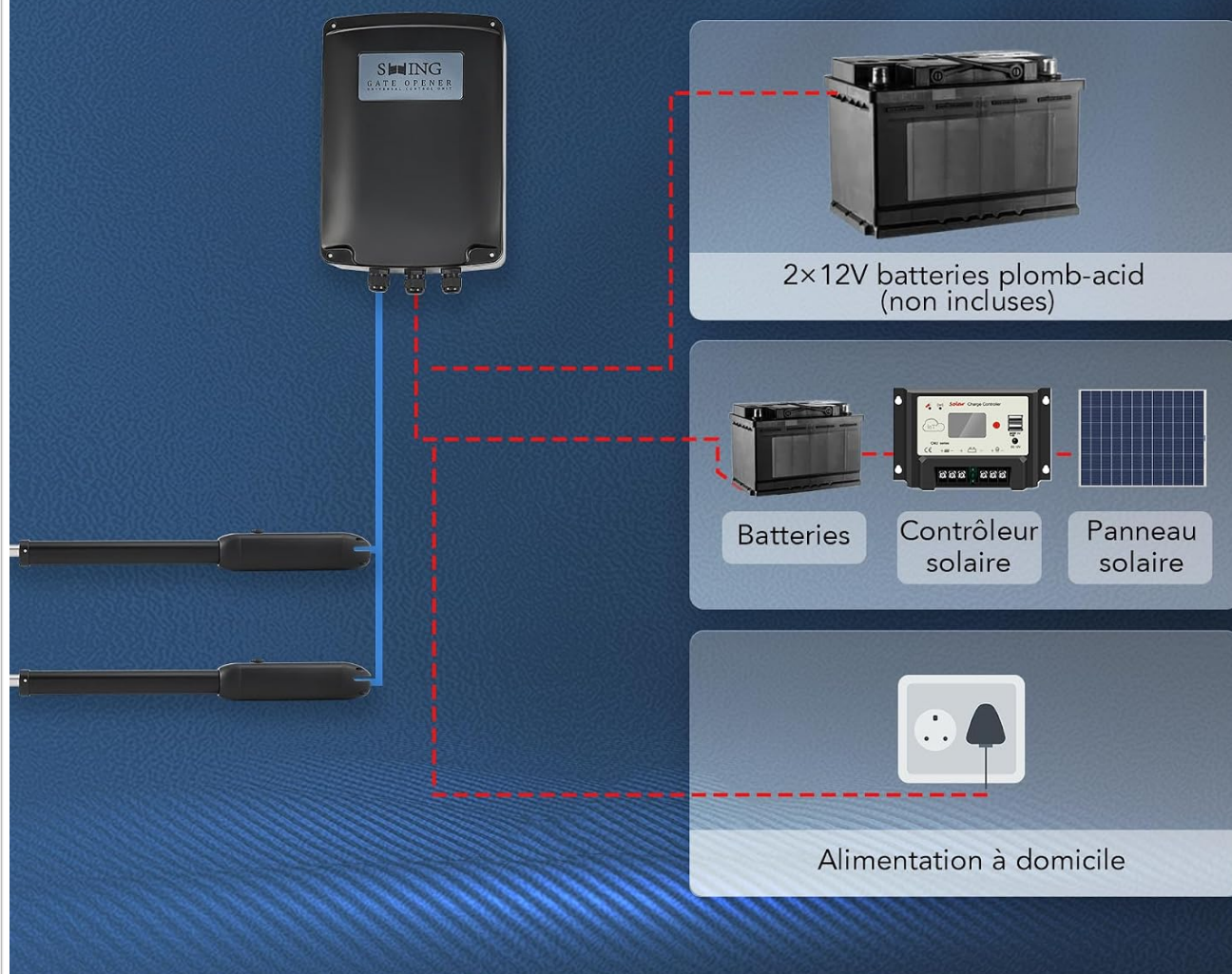
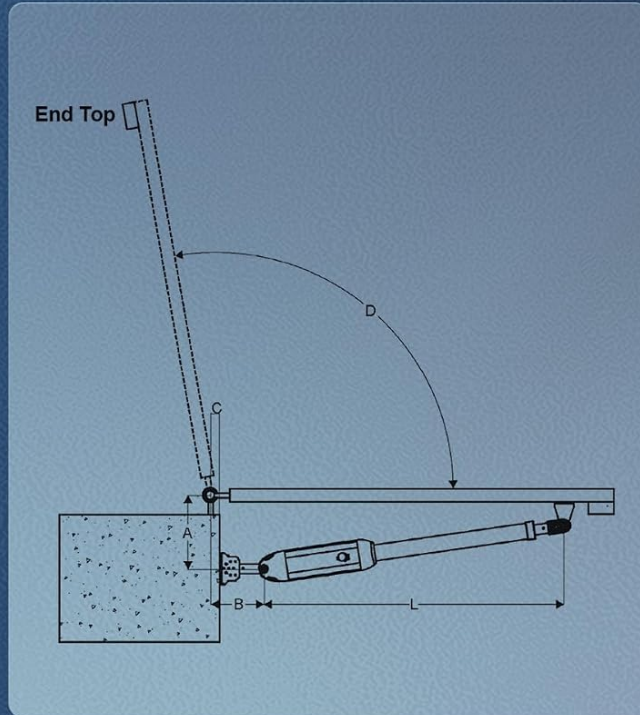


Image: Visual representation of the multiple power options available, including battery, solar, and household electricity connections.

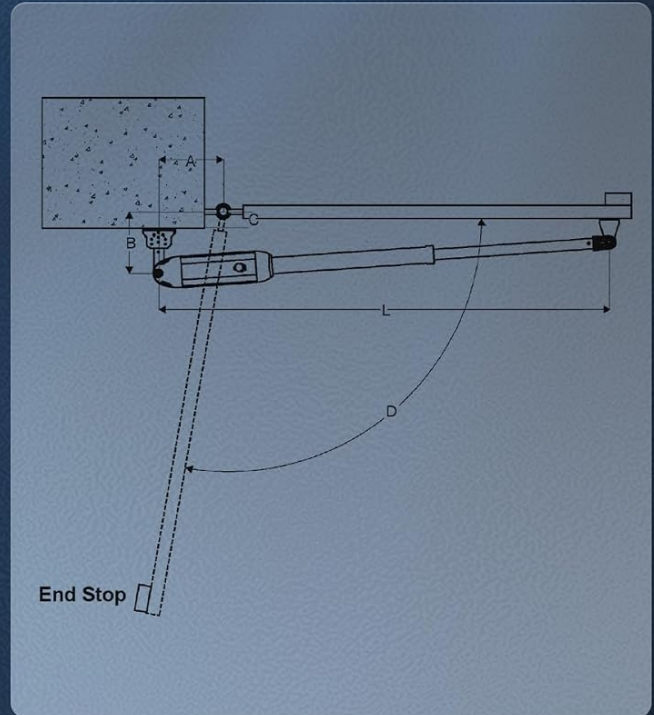
5.2 Mounting the Actuators

The actuators can be installed to open the gate by pushing or pulling, depending on your gate's configuration and desired opening direction. Use the provided brackets and hardware to securely mount the actuators to your gate posts and gate leaves.

OPTIONS D'OUVERTURE PERSONNALISABLES



Ouvrir en poussant



Ouvrir en tirant

Image: Diagrams illustrating customizable opening options, showing how to configure the actuators for gates that open by pushing or pulling.

5.3 Control Box and Wiring

Install the control box in a protected location, ensuring all wiring connections are tight and waterproof. The control box allows for connection of various accessories such as solar panels, alarm lamps, keypads, Bluetooth devices, and wall switches.

SYSTÈME PERSONNALISÉ

Bénéficiez d'une plus grande commodité grâce à la technologie

Compatible avec

-  Panneau solaire
-  Lampes d'alarme
-  Claviers numériques
-  Dispositif Bluetooth
-  Interrupteur mural



Image: The control box, illustrating its internal components and compatibility with various accessories for a customized gate system.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Operation

Use the provided remote controls to open and close your gate. The remote controls feature high-level encryption for secure access.

6.2 Manual Release

In case of power failure or system malfunction, insert the manual release key into the actuator and turn it to disengage the motor, allowing you to open or close the gate manually.

6.3 Customizable Automatic Closing

The control unit allows you to set an automatic closing delay. Choose from 15, 30, 60, or 90 seconds after the gate has

fully opened. Refer to the control box manual for specific programming instructions.

6.4 Obstacle Detection

The system is designed with an integrated obstacle detection feature. If the gate encounters an obstruction (person or vehicle) during closing, it will stop and reverse direction to prevent injury or damage. Regularly test this safety feature.



Image: Illustration of the rapid opening capability, detailing the maximum gate speed, opening time, and actuator stroke length.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your CO-Z gate opener.

- **Monthly:** Inspect the gate and hinges for any signs of wear or damage. Ensure the gate moves freely without excessive friction.
- **Quarterly:** Check all mounting bolts and brackets for tightness. Lubricate moving parts of the gate (hinges, pivots) as recommended by your gate manufacturer.

- **Annually:** Inspect electrical wiring for any signs of fraying or damage. Clean the actuators and control box exterior to remove dirt and debris. Test the obstacle detection system.
- Keep the area around the gate and actuators clear of vegetation and obstructions.

FONCTIONNEMENT EN DOUCEUR

Notre moteur de portail résiste à la chaleur, au froid et à la corrosion pour garantir un fonctionnement fiable et durable



Toute l'année
-20°C à 70°C



Par tous les temps
IP 44



Bruit faible
58 dB Max.



Résistant
à la corrosion



Image: Demonstrates the smooth and durable operation of the gate opener, emphasizing its resistance to extreme temperatures (-20°C to 70°C), IP44 weather protection, low noise, and corrosion resistance.

8. TROUBLESHOOTING

If you encounter issues with your gate opener, refer to the following common problems and solutions. For more complex issues, consult a qualified technician.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Gate does not respond to remote.	Dead remote battery, remote not programmed, power outage.	Replace remote battery. Reprogram remote (refer to control box manual). Check power supply to the unit.
Gate opens/closes partially or stops unexpectedly.	Obstruction, limit switch issue, low power.	Check for obstructions in the gate path. Inspect limit switches for proper adjustment. Verify power supply voltage.
Gate makes unusual noises.	Lack of lubrication, worn hinges, loose components.	Lubricate gate hinges and moving parts. Tighten any loose bolts or brackets.
Automatic closing not working.	Feature disabled, incorrect setting.	Ensure automatic closing is enabled and correctly configured in the control box settings.

9. WARRANTY AND SUPPORT

Information regarding spare parts availability is currently not provided. For warranty claims, technical support, or inquiries about replacement parts, please contact CO-Z customer service directly through their official channels or the retailer where the product was purchased.

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

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