



GLADIATOR

Home & Industrial Solutions

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GLADIATOR GL1800J

The Gladiator GL1800J gate opener is designed for commercial and/or industrial use, and will motorize sliding gates weighing up to 1800 Kg.

Designed with the same robustness as for the GL1800W, this new model comes with an improved ergonomic design and some other additional features such as an intelligent PCB, which makes it an even better choice for those who value aesthetic as much as reliability and user friendliness.

Features

-  Smooth running
-  Built in control board with dustproof/waterproof enclosure
-  Spring limit switch or magnetic limit switch
-  Manual release clutch (for emergency purposes).
-  Keypad / single button interface.
-  Alarm lamp, Photo beam & safety beam interface
-  Auto-close function (can be enabled or disabled)
-  Automatic stop and reverse action if hitting obstacle during opening & closing.



Technical specifications

1. What 's in the box ?

- Keys for manual release (in the event of power failure)
- 2 Remote Controls
- 1 Motor fixed in Plate & Bolt
- 1 Pair Infrared photocell
- 5 toothed drive rack of 1 mt
- 2 limit switch rules (spring type limit switch only)

2. Warranty period:

- 3 years on mechanical components
- and 1 year on electronic components
- starting on the date of commissioning and as more-fully described in the warranty certificate.

Type	GL1800J
Power supply	230V/50Hz;
Remote control range	≥30m
Remote control model	Single button
Max. gate weight	1800Kg
Motor power	AC 550W
Output torque	32N·m
Work duty	S2, 15min
Limit switch	Spring limit switch or magnetic limit switch
Frequency	433.92MHz
Output shaft height	50mm
Noise	≤58dB
Extra remote control	25 (2 included)
Environmental temperature	-20°C~+50°C
Gate moving speed	13m/min



Safety recommendations:



1. Do not attempt to enter the gate area while the gate is moving. Always wait until the gate comes to a complete stop.
2. Never let children operate or play with gate controls or any other activation device. Keep remote control away from children.
3. Never children to play within the area of the gate
4. Do not allow anyone to ride on the gate for any reason whatsoever.
5. Always keep people and objects away from the gate. No one should cross the path of a gate which is closing.
7. Operate the gate only when it is fully visible, free of persons or obstructions, and properly adjusted.
8. Never attempt to "beat the gate" while the gate is opening or closing.
9. Test all safety devices regularly to insure correct operation. If fitted with photocells, gate to stop and reverse directions when walking through. Also check that manual release mechanism is working properly
10. Verify that the gate can be lifted easily to disengage the rack and pinion in case of emergency. Wooden lever is fine for this purpose.
11. Service the gate regularly. Tighten all bolts and grease hinges and pivot points.
12. The automated gate must be used only for vehicles only as far as possible. Pedestrians should use a separate entrance.
13. Always ensure that gate and gate motor are correctly earthed.
14. All control stations should be located at least 6 feet from any moving part of the gate or operator.
15. Do not ever install any control device where a user will be tempted to reach through the gate or fence to activate a gate.



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