

Safety instructions for gate automation systems



ATTENTION

To ensure the safety of people, it is important that you read all the following instructions. Incorrect installation or incorrect use of the product could cause serious harm to people and/or property.

The installer, being either professional or DIY, is the last person on the site who can ensure that the operator is safely installed, and that the whole system can be operated safely.



Warnings for the installer

CAREFULLY READ AND FOLLOW ALL INSTRUCTIONS BEFORE BEGINNING TO INSTALL THE PRODUCT

1. All installation, repair, and service work to this product must be done by a suitably qualified person.
2. Do not activate your gate opener unless you can see it and can determine that its area of travel is clear of people, pets, or other obstructions.
3. **NO ONE MAY CROSS THE PATH OF A MOVING GATE.** Always keep people and objects away from the gate and its area of travel.
4. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
5. Children should be supervised to ensure that they do not play with the appliance.
6. Do not in any way modify the components of the automated system.
7. Do not install the equipment in an explosive atmosphere: the presence of flammable gas or fumes is a serious danger to safety.
8. Before attempting any work on the system, isolate electrical power and disconnect the batteries.
9. The mains power supply of the automated system must be fitted with an all-pole switch with contact opening distance of 3mm or greater. The use of a 5A thermal breaker with all-pole circuit break is recommended.
10. Make sure that an earth leakage circuit breaker with a threshold of 30mA is fitted upstream of the system.
11. Never short circuit the battery and do not try to recharge the batteries with power supply units other than that supplied with the product, or supplied by Centurion Systems.
12. Make sure that the earthing system is correctly constructed, and that all metal parts of the system are suitably earthed.
13. Safety devices such as gate safety infrared beams must be fitted to the installation to guard against mechanical movement risks such as crushing, dragging and shearing.

Continued overleaf...

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14. It is recommended that at least one warning indicator light be fitted to every system.
15. Always fit the warning signs visibly to the inside and outside of the gate.
16. The installer must explain and demonstrate the manual override operation of the gate in case of an emergency, and must hand the User guides and Safety/Warning documents over to the end-user.
17. Explain these safety instructions to all persons authorised to use this gate, and be sure that they understand the hazards associated with automated gates.
18. Do not leave packing materials (plastic, polystyrene, etc.) within reach of children as such materials are potential sources of danger.
19. Dispose of all waste products like packaging materials, worn out batteries, etc, according to local regulations.
20. Always check the obstruction detection system, and/or safety devices for correct operation prior to hand over. During the hand-over of the system, explain to the end-user how to perform these checks to confirm that all safety devices are operating correctly.
21. Centurion Systems does not accept any liability caused by improper use of the product, or for use other than that for which the automated system was intended.
22. This product was designed and built strictly for the use indicated in the documentation provided with the product. Any other use, not expressly indicated within the documentation, could be a source of danger and/or compromise the service life/operation of the product.
23. Anything not expressly specified in these instructions is not permitted.

WARNING! WARNING! WARNING! WARNING!



**KEEP CLEAR!
GATE MAY MOVE AT ANY TIME!**



**MOVING GATE CAN CAUSE SERIOUS INJURY OR DEATH!
KEEP CLEAR! GATE MAY MOVE AT ANY TIME!
DO NOT ALLOW CHILDREN TO PLAY IN AREA OR OPERATE GATE.**

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