

GDK 700

EN Safety instructions - These must be read



5130246A



Please read the safety instructions below very carefully as well as the installation and operating guide before using this product.

 This symbol indicates a danger, the different degrees of which are described below.
 DANGER
Indicates a danger which may result in immediate death or serious injury
 WARNING
Indicates a danger which may result in death or serious injury
 PRECAUTION
Indicates a danger which may result in minor or moderate injury
CAUTION
Indicates a danger which may result in damage to or destruction of the product

 DANGER
The motorisation must be installed and adjusted by a professional motorisation and home automation installer, in compliance with the regulations of the country in which it is to be used. To meet the requirements of standards EN 13241-1, EN 12445 and EN 12453, the installer must follow the instructions in this manual throughout the installation procedure. Failure to follow these instructions may result in serious injury, e.g. due to crushing by the gate.

 WARNING
CAUTION - Important safety instructions For reasons of personal safety, it is important to follow all the instructions, as incorrect installation can lead to serious injury. Retain these instructions. The installer must train all users to ensure the motorisation is used in complete safety, in accordance with the operating manual. The installation and operating manual as well as the safety instructions must be given to the end user. The installer must explain clearly to the end user that installation, adjustment and maintenance of the motorisation must be performed by a professional motorisation and home automation installer.

 WARNING
The keypad for setting the parameters is locked to ensure the safety of the users. The parameters must only be unlocked and adjusted by a professional motorisation and home automation installer. Making any changes which do not comply with these instructions could risk personal injury or damage to property.

1. Important information

This product is a motorisation for vertically opening garage doors, for residential use as defined in standard EN 60335-2-95, with which it complies. The main purpose of these instructions is to satisfy the requirements of the aforementioned standard and to ensure the safety of equipment and persons.

This motorisation is exclusively intended to equip a garage door designed for residential use.

 WARNING
Any use of this product outside the field of application described in this manual is prohibited (see "Field of application" paragraph in the installation manual). The use of any accessory or any component not recommended by Somfy is prohibited, on safety grounds. Somfy cannot be held liable for any damage resulting from failure to follow the instructions in this manual.

If in any doubt when installing the motorisation or to obtain additional information, consult the website www.somfy.com.

The instructions may be modified if and when there is a change to the standards or to the motorisation.

2. Condition of the door to be motorised

Before installing the motorisation, check that:

- the door is in good mechanical condition
- the door is correctly balanced
- The structures of the garage (walls, lintel, partitions, ceiling, etc.) enable the motorisation to be fixed securely. Strengthen these if necessary.
- the door can be correctly opened and closed manually using a force of less than 150 N.

3. Specifications of the door to be motorised

 DANGER
CAUTION: It is dangerous to perform any operation on the door springs (the door may fall).

After installation, ensure that the parts of the door do not encroach onto the pavement or public thoroughfare.

 WARNING
If the garage door is fitted with a wicket door, the door must be equipped with a system that prevents it from moving when the wicket door is not in the safety position.

CAUTION
Do not spray water onto the motorisation. Do not install the motorisation in an explosive environment.

Check that the temperature range marked on the motorisation is suited to the installation location.

4. Electrical installation

DANGER

The installation of the power supply must comply with the standards in force in the country in which the motorisation is installed, and must be carried out by qualified personnel.

The electric line must be exclusively reserved for the motorisation and equipped with protection, comprising:

- a 10 A fuse or breaker,
- a differential type device (30 mA).

An all-pole power supply cut-off device must be provided.

It is recommended that you fit a lightning conductor (maximum residual voltage 2 kV).

DANGER

If one of the power supply cables is damaged, it must be replaced by the installer, its after-sales service or an individual with similar qualifications, to prevent any danger.

5. Cable feed

Underground cables must be equipped with a protective sheath with a sufficient diameter to contain the motor cable and the accessories cables.

6. Safety instructions relating to installation

DANGER

Do not connect the motorisation to a power source before installation is complete.

WARNING

Before installing the motorisation, remove any unnecessary cords or chains and deactivate any locking device (bolt) which is not required for motorised operation.

WARNING

Ensure that any danger zones (crushing, cutting, trapping) between the driven part and the surrounding fixed elements caused by the opening movement of the driven part are avoided or indicated on the installation (see "Risk prevention").

Permanently affix the crushing warning labels near to any fixed control devices, and so that they are extremely visible to the user.

WARNING

Modifying one of the elements provided in this kit or using an additional element not recommended in this manual is strictly prohibited.

Monitor the door as it moves and keep people away from it until installation is complete.

Do not use adhesive to secure the motorisation.

Install the internal manual back release device at a height of less than 1.8 m.

If the back release device is higher than 1.80 m, it will be necessary to extend the cable to make it accessible to all users.

WARNING

Check that there is no risk that the back release device cable will become snagged on an element protruding from the car (for example a roof rack).

Permanently affix the label concerning the manual back release device near to its mobile component.

CAUTION

Install any fixed control device at a height of less than 1.5 m and within sight of the door, but away from moving parts.

After installation, ensure that:

- the mechanism is correctly adjusted
- the manual back release device is operating correctly
- the motorisation changes direction when the door encounters an object 50 mm high on the ground.

WARNING

In the event of a remote control, photoelectric cells must be installed.

If the garage door opens onto a public road, installation of an orange light may be required in accordance with the regulations in the country in which the motorisation is installed.

7. Clothing precautions

Take off any jewellery (bracelet, chain, etc.) during installation.

For manoeuvring, drilling and welding operations, wear appropriate protection (special glasses, gloves, ear protection, etc.).

8. Safety instructions relating to operation

WARNING

This motorisation may be used by children aged 8 and over and by persons whose physical, sensory or mental capacity is impaired, or persons with little experience or knowledge, as long as they are under supervision or have received instructions on safe use of the motorisation and fully understand the associated risks.

Do not allow children to play with the door control devices. Keep remote controls out of the reach of children.

Children must not be allowed to clean or maintain the unit.

The sound pressure level of the motorisation is less than or equal to 70 dB(A). The noise emitted by the structure to which the motorisation will be connected is not taken into account.

WARNING

Any potential users must be shown how to use the motorisation by the installer, applying all the recommendations in this manual. It is essential to ensure that no untrained persons are able to put the door into motion.

The user must monitor the door as it moves and keep people away from it until the door is completely open or closed.

Do not allow children to play with the door control devices.

Keep remote controls out of the reach of children.

Do not deliberately prevent the door from moving.

If not operating correctly, switch off the power supply, use the emergency unlocking to gain access and contact Somfy assistance.

Do not try to open the door manually if the motorisation has not been unlocked.

Ensure that no natural obstacles (branch, stone, tall grasses, etc.) are able to obstruct the movement of the door.

9. Safety instructions relating to maintenance

DANGER

The motorisation must be disconnected from any power supply during cleaning and maintenance and when parts are replaced.

WARNING

Take care when using the manual back release device as an open door can suddenly fall off if the springs are weak, broken, or incorrectly balanced.

WARNING

Every month, check:

- that the cables, springs and mountings shown no sign of wear, damage or imbalance,
- that the motorisation changes direction when the door encounters an object 50 mm high on the ground.

If this is not the case, contact a professional motorisation and home automation installer immediately.

Do not use the motorisation if a repair or adjustment is necessary as a fault in the installation or an incorrectly balanced door can cause injuries.

Use only original parts for any maintenance or repair work.

Any technical, electronic or mechanical modification to the motorisation must be made with the approval of Somfy assistance.

If the installation is equipped with photoelectric cells and/or an orange light, regularly clean the photoelectric cell optical units and the orange light.

10. About the batteries

DANGER

Do not leave batteries of any kind within reach of children. Keep them somewhere children cannot access. There is a risk that they could be swallowed by children or pets. Danger of death! If this does occur, seek medical advice immediately or go to hospital.

Ensure that the batteries are not short-circuited, thrown in the fire or recharged. There is a risk of explosion.

11. Recycling and disposal

If installed, the battery must be removed from the motorisation before the latter is disposed of.



Do not dispose of used remote control or other batteries with household waste. They must be taken to the relevant recycling points.



Do not dispose of the motorisation with household waste at the end of its life. Return the motorisation to its distributor or use your local authority's special waste collection services.

12. Regulations

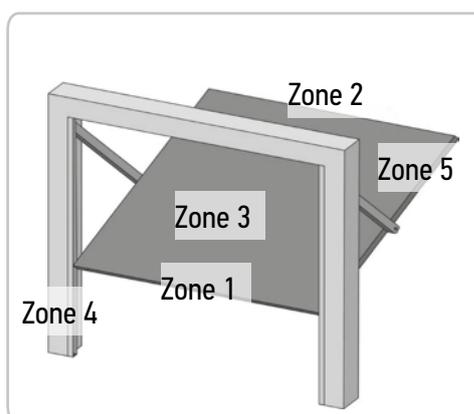
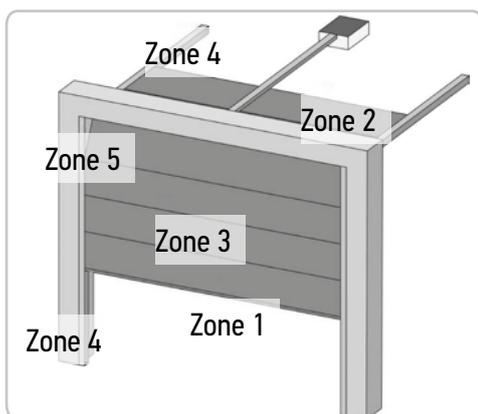


Somfy SAS declares that the product described in these instructions, when used in accordance with the instructions, complies with the essential requirements of the applicable European Directives, and in particular Machinery Directive 2006/42/EC and Radio Equipment Directive 2014/53/EU.

The full text of the EC declaration of conformity is available on the following website: www.somfy.com/ce. Antoine CREZE, Head of Regulations, Cluses.

13. RISK PREVENTION

- Identification of risk zones



- Measures to be taken to counter risks

RISK	SOLUTION
ZONE 1 Risk of crushing between the ground and the lower edge of the door during closing	Obstacle detection built into the motorisation. For operation with automatic closing, install photoelectric cells
ZONE 2* Risk of crushing between the lintel and the upper edge of the door during closing	Obstacle detection built into the motorisation.
ZONE 3* Risk of cutting or trapping between the door panels in gaps of between 8mm and 25mm	Eliminate all sticking points and all sharp edges from the surface of the door Eliminate any gap ≥ 8 mm or ≤ 25 mm
ZONE 4* Risk of trapping between the roller rails and bearings	Eliminate all sharp edges on the guide rails Eliminate any gap ≥ 8 mm between the rails and the bearings
ZONE 5* Risk of crushing between the secondary edges and adjoining fixed parts	Obstacle detection built into the motorisation.

* For zones 2, 3, 4 and 5, no protection is required if the door has continuous control or if the danger zone is more than 2.5 m above the ground or any other permanent access level.



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