

Important additional instructions! Be sure to note!

Please note this information in **addition** to the information found in the assembly and operating manual.

Important! Before installation and use, please read this manual carefully to prevent damage and incorrect installation. Keep this manual in a safe place and give to new tenants or owners if the property changes hands.

Be sure to observe the safety instructions.

Additional safety instructions

- The drive unit may only be installed on a sound door assembly that is compliant with all applicable standards.
- Connecting to the 230 V ~ power network may only be done by an electrician working in accordance with VDE 0100 safety standards and all applicable regulations as specified by the local power supply company.
- Ensure that the power is switched off prior to opening the covering hood.
- Make sure that neither the door nor any parts of the door project into public paths or roads.
- The drive unit can be stopped at any time with the handheld transmitter, provided that it is within range. Alternatively, the door can be stopped using an optional key switch, inside switch, or electronically-coded lock.
- After installation, test to ensure that the drive unit automatically stops when a weight of 20 kg is applied to the bottom edge of the door (in the middle) as it opens and when this edge strikes a 50 mm-high object placed on the ground behind the door's middle section as it closes.
- **Note:** Check the safety cut-out on a monthly basis to ensure proper operation!
- Install unsafeguarded operating controls outside the reach of children (i.e. at a minimum height of 1.6 m) and away from moving parts.
- Tell children about the risks posed by an automatic door (trapped fingers, etc.). Children must be kept away from the swiveling range of the door while it is moving.
- Before starting work on the door or drive unit, disconnect the drive unit from the power supply and prevent it from being switched on again.
- After installation, check that the mechanism is properly set and that all safety functions are fully operational.
- After adjusting the power and/or travel length, ensure that you check the safety cut-out and the contact force at the door closing point.
- After installing and commissioning the drive unit, all users must be trained in how it works and how to control it.
- The handheld transmitter must be kept in such a way that it cannot be activated accidentally.
- Maintenance work may only be performed on the drive unit by someone who has read and understands the operating instructions for this drive unit.
- Substantial force can also occur in areas other than in front of or behind the door (e.g. in the hinged arms, springs, etc.) even when the safety cut-out trips. **Never touch or attempt to reach into moving parts of the door or drive unit when the drive unit is installed and connected to the power supply!**

Proper use

- The drive unit is only designed for opening and closing garage doors for private use.
- The drive unit may only be used if it is in perfect technical condition.
- Faults that could adversely affect safety must be rectified immediately.
- The door must move easily and open uniformly.
- Doors that are to be fitted with the drive unit must comply with the latest standards and regulations.

Improper operation

- The drive unit is not designed to be used for lifting and lowering loads.
- Only use the drive unit in a horizontal position.
- Use the drive unit only in conjunction with the appropriate types of doors and door sizes!
- Do not use the drive unit to open an emergency exit door or gate.
- Do not use the drive unit under any conditions other than those described in the section on proper use.
- **IMPORTANT!** No compensation will be paid or liability assumed for any damage and consequential damage that results from improper installation and operation.

The mechanical energy built up in the door can cause fatal injury! For your safety, have only authorized aftersales service personnel from the garage door manufacturer perform maintenance and adjustment work on the door's compensating springs and on any other parts of the door subjected to tension.

IMPORTANT! Important instructions for safe installation.

Incorrect installation can lead to serious bodily injury.

- The drive unit may only be installed on a sound door assembly that is compliant with all applicable standards.
- **Important!** When partly opened to any position, the door must remain fixed in position and move neither down nor up.
- Remove the door's locking mechanism or make it inoperational prior to installing the drive unit. The minimum installation height of the door opener is 2.1 meters above the garage floor, depending on the height of the door and the installation options available.
- **Important!** Install the drive unit in a horizontal position.
- The emergency release ball must be at a height of 1.8 meters above the garage floor.
- Install all pushbuttons in a highly visible area away from the door's moving parts (danger zone) and at a height that is difficult for children to reach (minimum installation height: 1.6 meters).
- Position the warning sign where it is easy to see or that is close to the wired control units (pushbuttons).

