



EN

V5

TEHA 410

MOTOR DRIVE KIT

With actuators – For two-panel swing gates
Ref. 114173



COMPATIBLE WITH ALL
TYPES OF OPENWORK
GATES



SOLAR OPTION



OPTION
BACKUP BATTERY



SMARTPHONE
COMPATIBILITY
OPTION

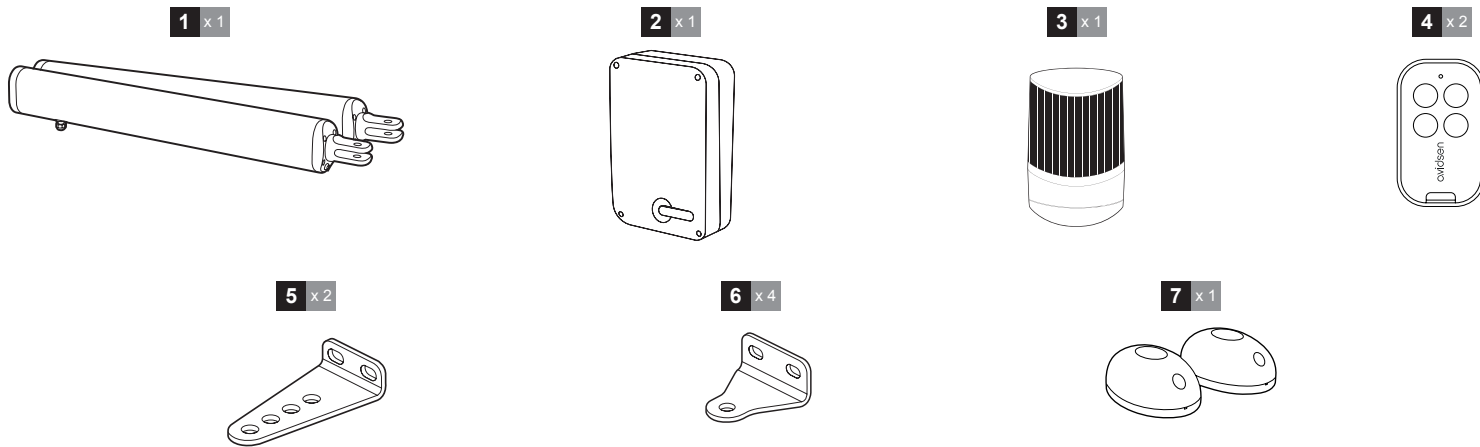


Thank you for purchasing an automatic gate opener.

This document is a quick start guide detailing the main installation steps as well as the equipment required. To install, please download the installation manual at the following address: <http://www.avidsen.com>

Warning: The safety instructions and installation instructions can be found in the installation manual. Follow all these instructions, as an incorrect installation can cause serious injuries.

CONTENTS OF THE KIT

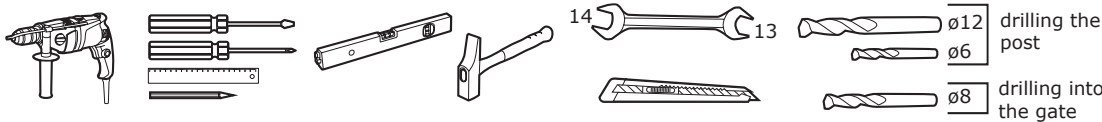


1	Actuators
2	Switchgear
3	Flashing light
4	Remote control

5	Gate mounting bracket
6	Post mounting bracket
7	Photocells and their accessories

EQUIPMENT REQUIRED (NOT SUPPLIED)

The tools and screws required for the installation must be in good condition and compliant with applicable safety standards.



flashing light 3m cable 2 x 0.5mm²	actuators 10m cable 2 x 1.5mm²	attachment to the post: - electronic panel ø6 x2 ø4 x2 ø6	attachment of the brackets onto the posts: ø12 ø12x150 x6 ø8x150 x6 ø12	fixing the brackets to the gate: Choose a screw/nut system adapted to the thickness of the gate. There are 4 fixing points	attachment of the flashing light onto the post ø6 x2 ø4 x2 ø6
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INSTALLATION

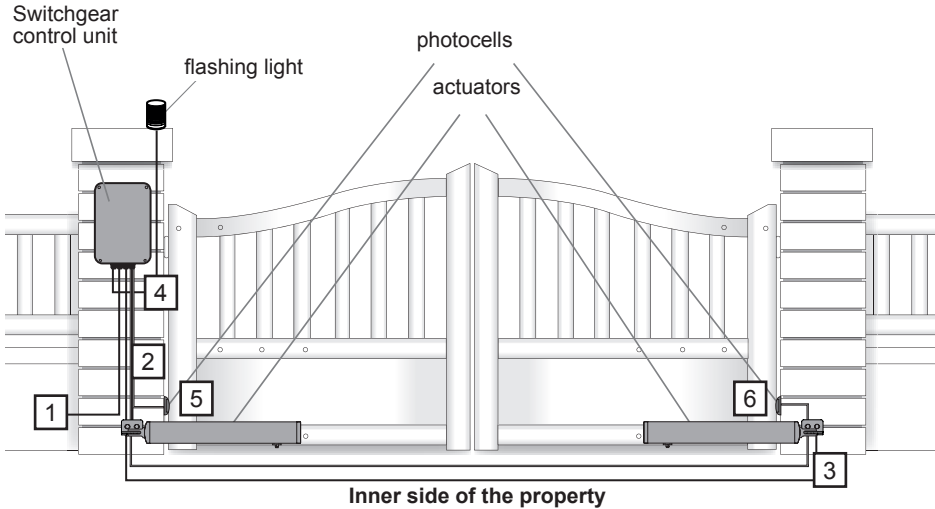


Safety guidelines: please refer to the installation manual for all safety instructions.
To perform the installation, please download the installation manual at the following address: <http://www.avidsen.com>



Overview:

The cables used must be appropriate for outdoor use (such as H07RN-F for example).
The cable run between the two posts must comply with applicable standards (NFC 15-100).
The geared motor power cable must run 80cm deep with red warning mesh.



List of cables:

	Connection	Cable	Max length
1	230VAC power line	Cable 3 x 2.5mm ² (more than 30m long) Cable 3 x 1.5mm ² (less than 30m long)	Unlimited
2	Left motor	Cable 2 x 1.5mm ²	10m
3	Right motor	Cable 2 x 1.5mm ²	10m
4	Flashing light	Cable 2 x 0.5mm ²	3m
5	Reception Photocell	4-strand telephone cable	10m
6	Transmission Photocell	4-strand telephone cable	10m

The installation is a 4-step process:

- Installation of the actuators onto the posts and gate, and of the electronic panel.
- Electrical connection of the motors and electronic panel to the mains. This connection must be performed by qualified personnel (electrician, etc.).
- Adjustments and operation:
Warning: Only switch on the electronic panel once all connections have been made.
 - Read the installation manual chapter on simple adjustments.
 - Launch the movement self-learning programme (press "+" for 3 seconds)
 - Programme the remote controls:
 - press "-" for 3 seconds
 - press "OK"
 - press the remote control button to be memorised
 - Repeat the operation for each remote control
 - Choice of operating mode:By default, automatic closing is deactivated. To activate it, you must install a pair of photocells
- Operational testing: To familiarise yourself with the automatism and ensure it operates properly, read the chapter on usage and conduct operational tests (open/close, initiate obstacle detection, cut the photocell beam). Upon completion of these tests, you may have to modify certain settings (e.g. motor power).

EU DECLARATION OF CONFORMITY

Avidsen declares that the equipment complies with the essential applicable requirements of RED Directive 2014/53/EU.
Directive 2014/35/EU: (protection of users' health and safety)
Directive 2014/30/EU: (protection requirements relating to electromagnetic compatibility).
Directive 2014/53/EU: (efficient use of the radio spectrum, in order to avoid harmful interference).
The full declaration of compliance is available on the website www.avidsen.com

IN Tours, 29/11/2023
Alexandre Chaverot, CEO

