



EN

v7

## ORANE CONNECT CONNECTED MOTOR DRIVE WITH PIVOTING ARMS

For 2-panel swing gates

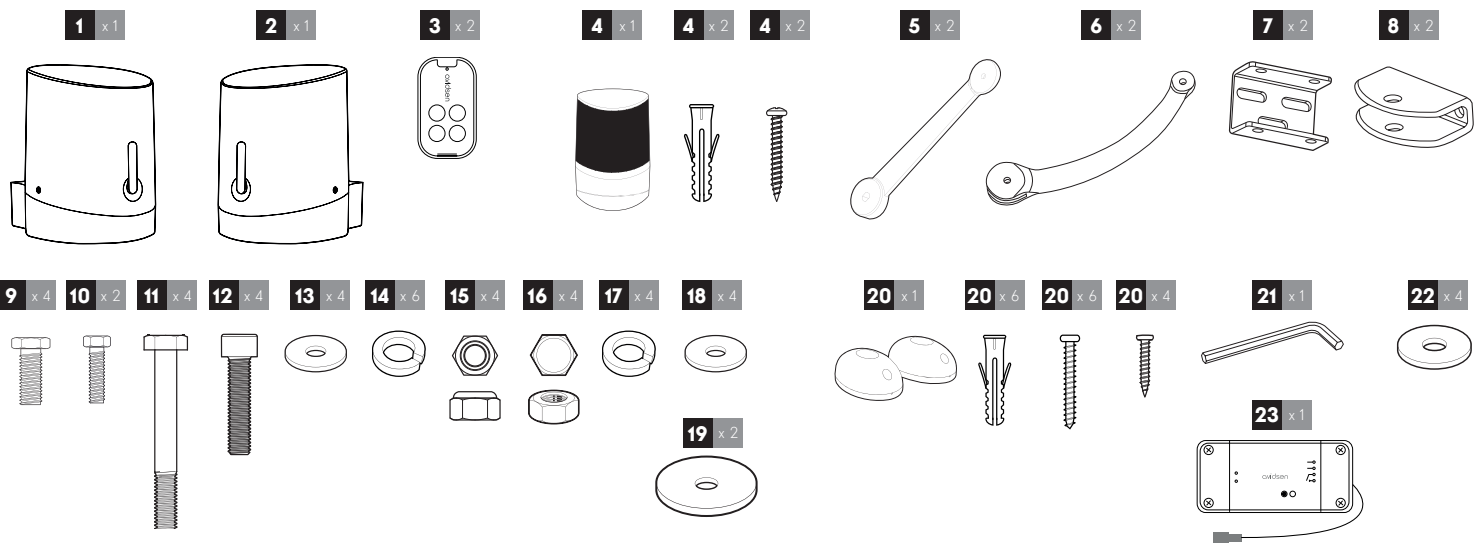
Ref. 114202

Thank you for purchasing an AVIDSEN gate motor drive.

This document is a quick start guide detailing the main installation steps as well as the equipment required. To perform the installation, please download the installation manual at the following address: [www.avidsen.com](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.

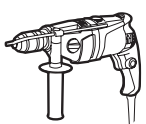
### 1. DESCRIPTION



1	Main motor with electronic card	7	Post mounting bracket	13	M8 washer	19	Oversized M8 washer
2	Secondary motor	8	Gate mounting bracket	14	M8 spring washer	20	Photocells and screws
3	Remote control	9	M12 – L40 screw	15	M12 locknut	21	Allen key
4	Flashing light and screws	10	M8 – L25 screw	16	M10 nut	22	M12 washer
5	Rear arm	11	M10 – L90 screw	17	M10 spring washer	23	Connected module and its accessories
6	Front arm	12	M8 CHC – L30 screw	18	M10 washer		

### 2. EQUIPMENT REQUIRED (NOT INCLUDED)

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



1 drill



1 flat head screwdriver



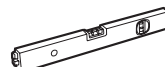
1 pencil



1 Phillips screwdriver



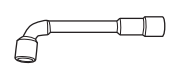
1 x 13 mm spanner



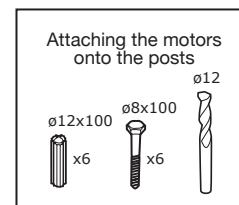
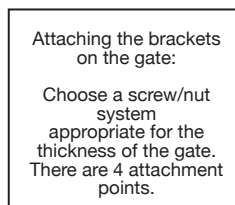
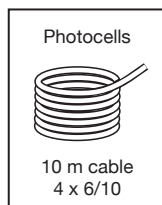
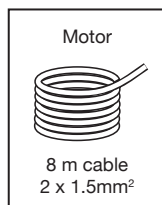
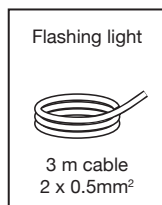
1 spirit level



1 measuring tape



1 x 19mm box spanner  
and 1 x 13 mm box spanner



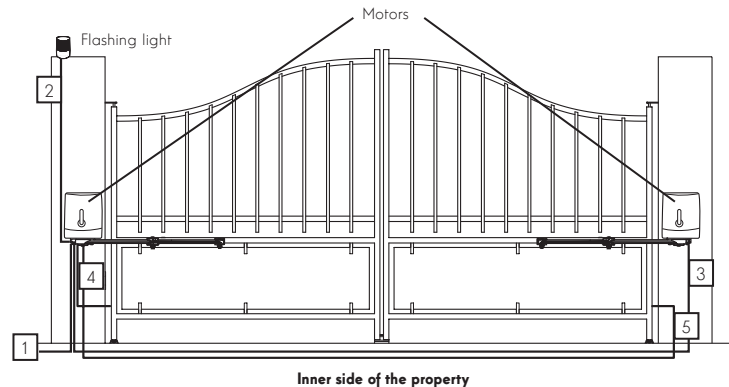
### 3. INSTALLATION



**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: [www.avidsen.com](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 power cable of the opposite geared motor must run 80 cm deep with red warning mesh.



List of cables:

	Connection	Cable	Max length
1	230 VAC power line	Cable 3 x 2.5 mm <sup>2</sup> (more than 30 m long) Cable 3 x 1.5 mm <sup>2</sup> (less than 30 m long)	Unlimited
2	Flashing light	Cable 2 x 0.5 mm <sup>2</sup>	15 m
3	Secondary motor	2 x 1.5 mm <sup>2</sup> cable	10 m
4	Reception photocell (RX)	4 x 6/10 cable	10 m
5	Transmission photocell (TX)	4 x 6/10 cable	10 m

The installation is a 4-step process:

1. Installation of the motors onto the posts and gate, and of the flashing light (the main motor is installed on the post where the power comes from).

2. Electrical connection:

- of the secondary motor to the electronic card (in the main motor)
- of the flashing light to the electronic card (in the main motor)
- of the photocells to the electronic card (in the main motor)
- connection of the transformer to the mains. This connection must be performed by qualified personnel (electrician, etc.).

3. Adjustments and operation:

**Please note: Only switch on the system 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 three 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:

- Press "PROG" for 3 seconds, press "OK", press "+", press "OK".

4. Operational testing: To familiarise yourself with the automatism and ensure its proper operation, read the chapter on usage and conduct operational tests (opening/closing, initiate obstacle detection, cut the photocell beam). Upon completion of these tests, you may have to modify certain settings (e.g. motor power).

### 4. 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](http://www.avidsen.com).

Tours, 05/12/2023

Alexandre Chaverot, CEO

