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2 YEARS

GUARANTEE

Solar Guard

INTRUDER DETECTOR

Solar outdoor intruder detector

Ref. 100026

EN

SOLAR PANEL

MOTION DETECTION

IP 53

BUILT-IN SIREN

1 - OPERATING PRECAUTIONS

- Do not allow children to handle the product.
- When drilling, take care not to damage pipes or electric cables under the surface.
- Do not install the product in an environment subject to large temperature variations or significant humidity.
- Do not place liquids or water containers on top of the device.
- Do not install near acidic chemicals, ammonia or sources of toxic gases.

2 - MAINTENANCE AND CLEANING

- Always turn off the product via the ON/off switch on the back of the product before carrying out any maintenance.
- Never use abrasive or corrosive substances to clean the product.
- Use a soft, slightly damp cloth.
- Never use an aerosol to spray the product as this may damage the internal workings.

3 - RECYCLING

The disposal of used batteries in household waste is strictly forbidden. Batteries/accumulators containing harmful substances are marked with symbols (shown opposite) which indicate that it is forbidden to discard them in the household waste. The corresponding heavy metals are referred to as follows: Cd = cadmium, Hg = mercury, Pb = lead. You can dispose of these used batteries/accumulators at local waste facilities (centres for sorting recyclable materials), which are required to accept them. Keep batteries/button cells/accumulators out of reach of children and store them in a safe place not accessible to them. They could be swallowed by children or pets. Risk of death! In the event that a battery is swallowed, consult a doctor or go to A&E immediately. Never short-circuit the batteries, and do not burn or recharge them as they may explode!

This symbol means that devices no longer in use should not be disposed of with household waste. The hazardous substances they may contain can be harmful to health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.

Pour en savoir plus :
www.quefairedemesdechets.fr

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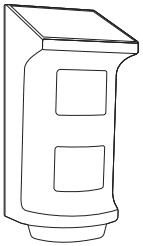
B - PRODUCT DESCRIPTION

1 - KIT CONTENTS

1 x1



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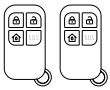
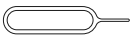


3 x1

4 x4

5 x4

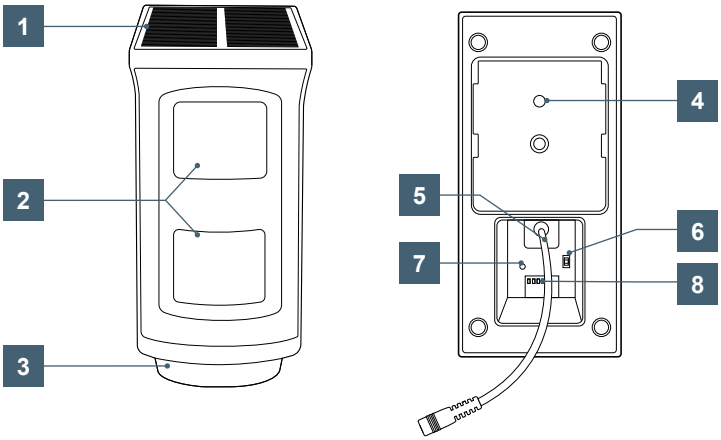
6 x1



1	Solar outdoor intruder detector
2	Remote controls
3	Mains adapter to charge the detector battery
4	Mounting screws for solar outdoor intruder detector

5	Wall plugs for solar outdoor intruder detector
6	Clip for detector adjustment

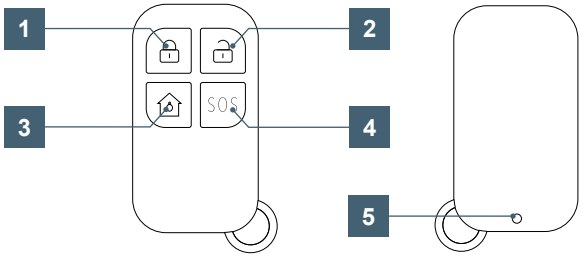
2 - INTRUDER DETECTOR



1	Solar panel
2	Infrared detection sensors
3	Siren
4	Anti-tamper button

5	Solar outdoor intruder detector charging cable
6	ON/OFF switch
7	RESET/Pairing button
8	Configuration keypad

3 - REMOTE CONTROL



1	Arm button: Pressing the button will place the detector in Arm mode. The alarm will sound and flash when motion is detected.
2	Disarm button: Pressing the button will place the detector in Disarm mode. Turns off the siren.

3	Silent arm button: Pressing the button will place the detector in Silent arm mode. In this mode, the detector will flash without making any noise.
4	SOS button: Pressing this button will place the detector in SOS mode. The alarm will sound and the detector will flash instantly.
5	Screw to open the remote control to replace the battery if necessary

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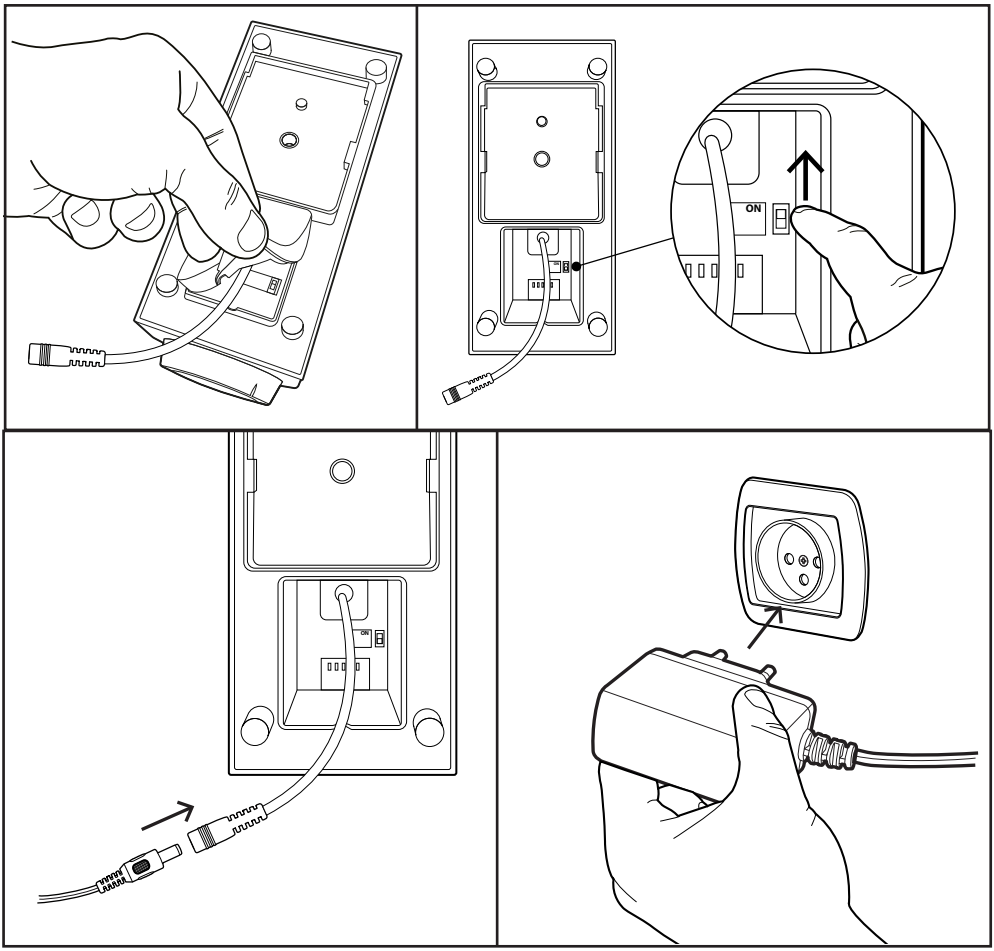
C - INSTALLATION

1 - ACTIVATING THE DETECTOR

Please note: your detector has an anti-tamper sensor on the mounting bracket. If the product is turned on (ON/OFF switch turned ON) and you remove the product mounting bracket, the siren will go off.

Before securing the detector outdoors, fully charge it using the mains adapter provided in the pack.

First, remove the rubber part on the back of the detector and turn the ON/OFF switch to ON. Then connect the charger to the product. Plug the charger into the mains supply. The product will start charging. Once the initial full charge is complete, the detector will flash at regular intervals. This stage may take several hours.



2 - PAIRING THE REMOTE CONTROLS WITH THE DETECTOR

All remote controls supplied with the kit have already been paired with the detector. If not, please follow the steps below:

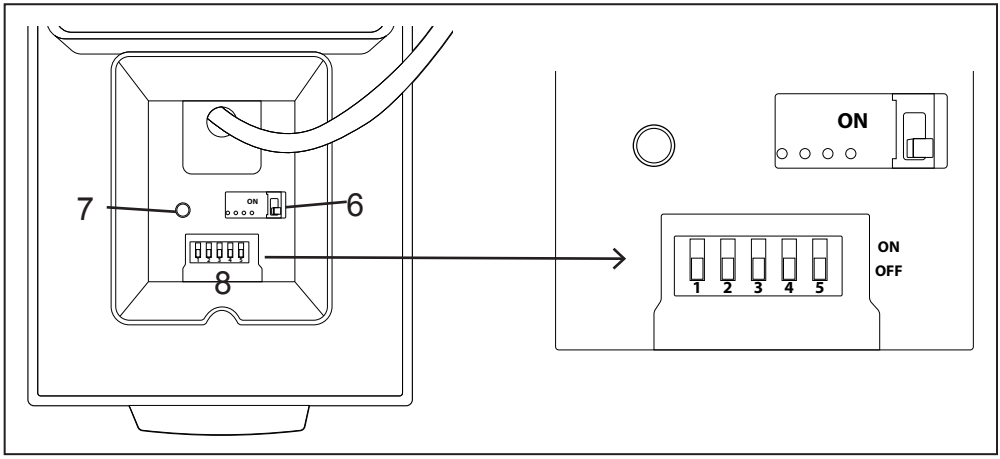
- Press and hold the “7” pairing button in the recess on the back of the detector until you hear a short beep and the product LEDs light up. The detector switches to pairing mode.

- Press one of the buttons on the remote control.

- The detector emits a long beep to indicate that pairing is successful. If the detector beeps five times, pairing has failed.

3 - CONFIGURING THE DETECTOR

On the back of the detector under the rubber you will find the ON/off switch (6), the pairing button (7) and the configuration keypad (8):



Using a flat-head screwdriver, set the switches to the up or down position as you desire:

Detection sensitivity (switch 1):
When switch (1) is placed in the up position (ON), the detection range of the sensors is 6 to 12 metres. When switch (1) is placed in the down position (OFF), the detection range of the sensors is 4 to 10 metres.

Pulse counter for detection (switches 2 and 3):
The product has multiple detection beams. By default, the product is set to “rapid detection”. This means that as soon as an intruder crosses a beam, if the alarm is activated, the siren will go off. With switches (2) and (3), the type of detection can be set:

C - INSTALLATION

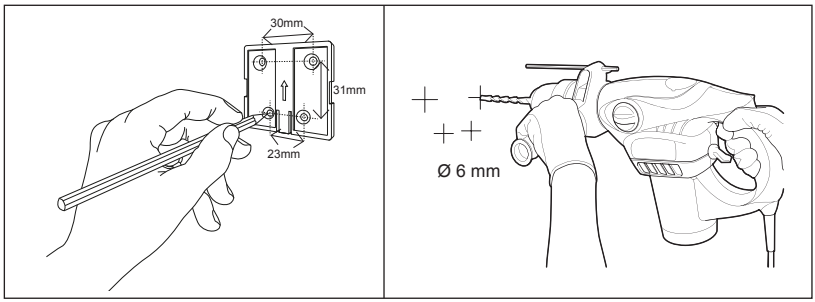
Type of detection	Setting	Configuration
Rapid detection		If an intruder crosses one of the infrared beams, the siren goes off.
Medium detection		If an intruder crosses 3 of the infrared beams, the siren goes off.
Slow detection (for high-traffic environments)		If an intruder crosses 5 of the infrared beams, the siren goes off.

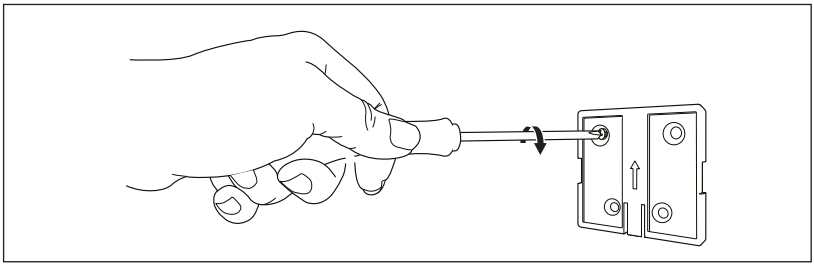
Alarm duration (switch 4):
This parameter defines how long your siren will sound and flash if the alarm is triggered. The default setting is 30 seconds (OFF) and can be set to 3 minutes (ON).

Silent mode (switch 5):
When switch (5) is placed in mute mode (ON), the siren is muted if the alarm is triggered.

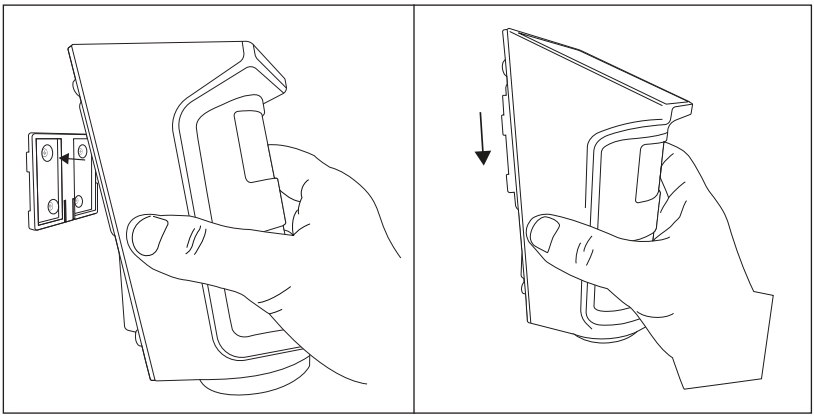
4 - INSTALLING THE SOLAR OUTDOOR INTRUDER DETECTOR

Install the detector outside the building, in a clearly visible position, at a height relatively inaccessible to an intruder, ranging from 2 to 2.4 metres.
The detector is designed to work on any type of wall. Avoid installing the detector on a north-facing wall or on a wall with shadows cast by other buildings, trees or roof overhangs.
Attach the mounting bracket to the wall with the screws supplied according to the diagram below:





Reinstall the protective cover on the back of the detector and attach it to the mounting plate.



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D - CONFIGURATION

1 - FULLY ARMED

When you fully arm the detector, any detection will trigger an alert (typically used when you leave your home).

Using the remote control:

Press the button until you hear a beep and the product flashes once.

2 - SILENT ARM

When you set the detector to “silent arm”, the siren will not go off but the product will flash when motion is detected.

Using the remote control:

Press the “” button until the product flashes once.

3 - DISARMED

When disarming, the detector goes into idle mode.

Using the remote control:

Press the “” button until you hear two beeps and the product flashes twice.

4 - ALERT TRIGGER

If the detector is armed and detects an intruder:

- The extremely loud built-in siren will sound (default time: 30 sec).
- A flashing light alerts the surrounding area of the detector.
- Special case #1: if the detector is set to “Silent arm” mode, only the flashing light will be active.

5 - SOS FEATURE

The detector can manually raise the alert in case of emergency.

Using the remote control:

Press the SOS button.

6 - RESETTING THE DETECTOR

The detector resetting process removes all remote controls.

Press and hold the RESET button (7) until you hear three long beeps and the product flashes three times, then the siren goes off again.

7 - ADJUSTING THE VOLUME OF THE DETECTOR

Press and hold the “” button, you should hear two beeps; keep holding the button, the detector will beep cyclically by switching to “High volume” mode and “Low volume” modes. Release the button when you are happy with the volume.

F - TECHNICAL AND LEGAL INFORMATION

1 - TECHNICAL CHARACTERISTICS

INTRUDER DETECTOR	
Solar panel power	5 V / 750 mW
Power supply	110 / 220 VAC at 12 VDC 1000 mA
Backup battery	Integrated, Lithium, 3.7 V 1000 mAh,
Consumption	< 1 mA on standby, <350 mA when detector is armed
Radio frequencies	433.92 MHZ EIRP: 10 dBM
Siren	100 dB at 1 m – battery powered 110 dB at 1 m – mains powered
Installation height	2 to 2.4 metres
Detection range	4~10 m with low sensitivity, 6~12 m with high sensitivity
Angle of detection	110° horizontal detection
Operating temperature	-10°C to 55°C Humidity up to 80% without condensation
Protection level	IP53
Dimensions	168 × 74 × 84 mm

REMOTE CONTROL	
Power supply	3 Vdc by 1 CR2025 battery, included
Radio frequency	433.92 MHZ EIRP: 10 dBM - open air range of 50 m
Dimensions	59 × 33 × 7 mm

F - TECHNICAL AND LEGAL INFORMATION

2 - WARRANTY

This product is guaranteed for parts and labour for 2 years from the date of purchase. Proof of purchase must be retained for the duration of the warranty period.
The warranty does not cover damage caused by negligence, knocks, or accidents. The parts of this product must not be opened or repaired by any persons not employed by Avidsen. The warranty will be void if the device is tampered with.

Avidsen undertakes to keep a stock of spare parts for this product throughout the contractual warranty period.

3 - EXTEND THE EXPERIENCE

Visit **www.maisonic.com** and our usual dealers for a full range of spare parts, compatible accessories and smart solutions to enhance your connected ecosystem. Give your installation a new dimension by improving its performance and longevity, while imagining a home that is ever more practical, safe and connected. Perfectly compatible products, designed to meet the demands of modern, efficient and sustainable living. With **Maisonic** and the **Avidsen** network, your installation can evolve without limit.

4 - EU DECLARATION OF CONFORMITY

Avidsen hereby declares that the equipment designated below:
Avidsen Solar Guard reference 100026 complies with the RED 2014/53/EU directive and its conformity has been assessed pursuant to applicable standards:

EN 60598-1:2021
EN 60598-2-2:2012
EN 62479: 2010
EN 50663: 2017
EN 301 489-1 V2.2.3 (2019-11)
EN 301 489-3 V2.3.2 (2023-01)
EN 300 220-1 V3.1.1 (2017-02)
EN 300 220-2 V3.2.1 (2018-06)
EN 62368-1 :2020+A11 :2020
EN 55032:2015/A11:2020/A1:2020
EN 55035:2017/A11:2020
EN 61000-3.2:2019/A1:2021
EN 61000-3-3:2013/A1:2019/A2:2021
EN61000-4-2:2009
EN 61000-4-5:2014/A1: 2017
EN 61000-4-6:2023
EN61000-4-8:2010
EN 61000-4-11:2020

Tours, 02/08/2024
Alexandre Chaverot, CEO

CE

avidsen

Avidsen
19 avenue Marcel Dassault - ZAC des Deux Lions
37200 Tours - France
www.avidsen.com