

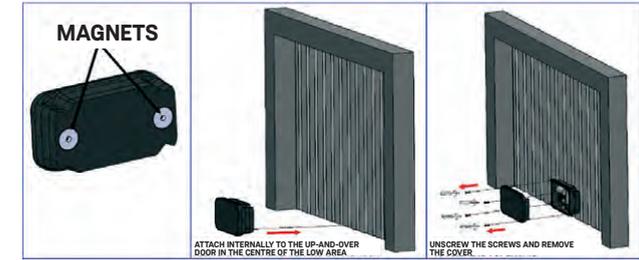


INSTALLATION MANUAL

1. TYPE OF INSTALLATION

INSTALLATION ON UP-AND-OVER OR SECTIONAL GARAGE DOOR

This installation makes it possible to monitor the opening or breakthrough of the garage door for both the up-and-over and sectional versions. For correct performance, the device must be installed in the central area of the door at a distance of approximately 50/60 cm from the ground.



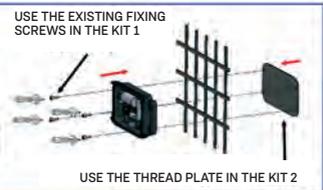
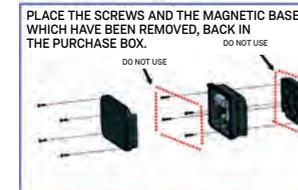
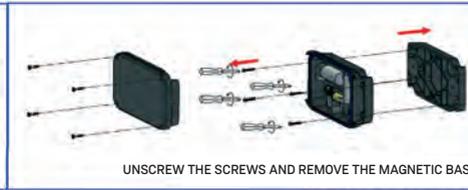
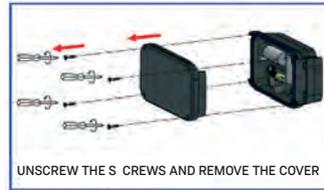
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WIRE MESH INSTALLATION

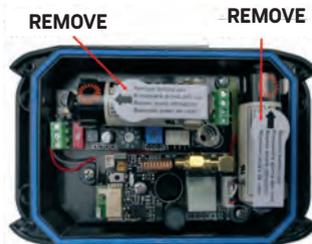
This type of sensor has the optimum sensitivity of a 5 metre diameter one on all types of fence, metal structures and gates. If the fence is supported by posts approximately 5 metres apart, place the sensor in the middle of this distance, so that one is placed in each "sector". However, the type of mesh material must be taken into account, as depending on whether it is loose mesh, electrowelded or paneled, the material will transmit a different sensitivity.

For correct functionality check the correct Function selection and calibration, see sections FUNCTION SELECTOR and DEVICE CALIBRATION

NB: KIT 1 contains screws of different lengths. Mount the most appropriate one according to the thickness of the installation mesh.

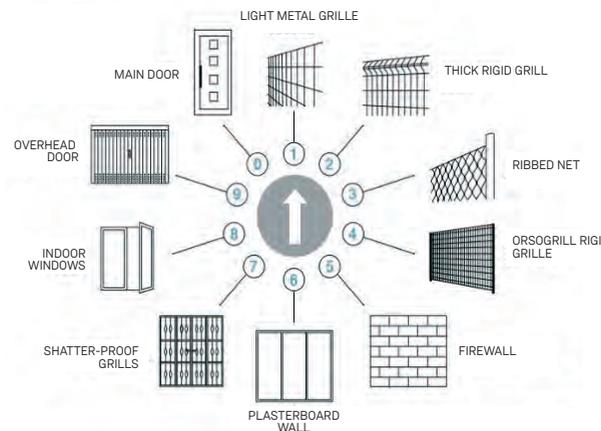


2. FIRST STEP



1. Set-up the device depending on your desired application.
2. Unscrew the four cover screws.
3. Remove the tabs shown in the figure.
4. The device is now active.

3. FUNCTION SELECTOR



4. DEVICE ACTIVATION IN APP



1. Download app from Google play / App Store.

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2. Follow the installation wizard.
3. Enter the ID code you find on the back of the product.

5. OPERATING PRINCIPLES

The system is designed for detection in case of breakthrough, overrun, cut and opening. In the case of application on masonry the system detects only the attempted breakthrough. In the case of mesh application, shear detection occurs when the intruder cuts through the mesh and tries to pass through. In the case of non-electrowelded mesh application, it is necessary to use a panel sensor to provide an efficient level of shear protection. The system only works properly if the fence is stable and uniform.

6. INSTALLATION EXAMPLES



LIGHTWEIGHT METAL GRILLE

Functions Selector in position 1. This programming detects attempts to bypass, break through and cut metal gratings up to 5mm thick.



THICK METAL GRILLE

Functions Selector in position 2. This programming detects attempts to climb over, break through and cut metal gratings more than 5mm thick.



NON-ELECTROWELDED MESH NET

Functions Selector in position 3. This programming detects attempts to climb over, break through and cut wire netting.



RIGID/ELECTROWELDED

Functions Selector in position 4. With this programming, it is possible to detect attempts to climb over, break through and cut metal nets that are firmly anchored in the ground.



TILTING GARAGE AND INDOOR APPLICATION

Functions Selector in position 9. This programming detects break-in attempts on up-and-over doors. This application is used to detect the opening/ the break-in of the up-and-over door.



SHATTER-PROOF WALLS/SHUTTERING

Functions Selector in position 5, 6 and 7. This programming detects attempts to break through walls and cut gratings.



INDOOR APPLICATION

Functions Selector in position 8 and 0. With this programming it is possible to detect break-in attempts, glazing, window frames, etc. This function is the most sensitive and is used for typical INDOOR applications.

NB: At maximum sensitivity a range of approximately 2.5 m is achieved.

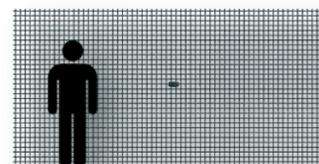
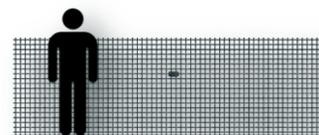
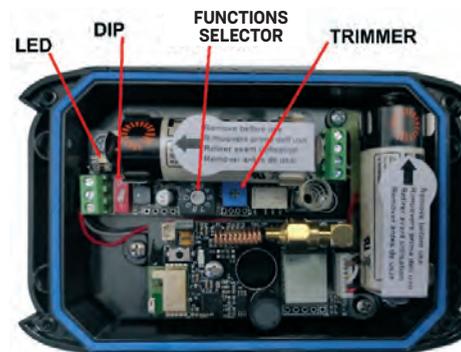
7. PROFESSIONAL INSTRUCTIONS

DEVICE CALIBRATION:

1. Use the FUNCTION SELECTOR to select the position according to the chosen application.
2. Set the DIP switch to ON to activate the calibration phase.
3. After a few seconds, the BLUE signal LED will start to flash for 10 seconds. It will then be followed by a BIP from the buzzer confirming that the device has been calibrated.
4. Adjust the sensitivity using the dedicated trimmer by carrying out tests. Each time the sensor goes into alarm, the event is signalled by the APP.

Set the DIP to 1 on exiting the calibration phase. During normal operation, this DIP MUST be set to 1.

SETTINGS:

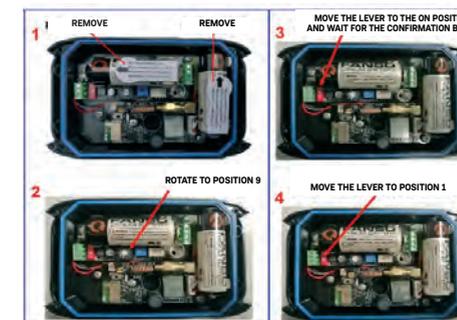


The alarm sensitivity can be adjusted for each selected application.

Increasing the sensitivity results in a greater detection range and a shorter response time. It is recommended to adjust the sensitivity of the sensor to the minimum necessary to minimise unwanted detection.

It is recommended to increase the sensitivity when the fence is quickly bypassed.

DETAILED ACTIVATION PROCESS:



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Netrotter Srl
Via Zanella 21, 20851 Lissone (MB), Italy
www.netrotter.it