

# INSAFE

INSTRUCTION MANUAL

BRUGSVEJLEDNING

INSTRUKCJA OBSŁUGI

## INSAFE ORIGIN

Smoke detector

Røgdetektor

Czujnik dymu



## INSAFE CONTROL

Remote-controlled smoke detector

Røgdetektor med fjernbetjening

Czujnik dymu z pila tem



## INSAFE + ORIGIN

Smoke detector and Indoor Air Quality Monitor

Røgdetektor

Czujnik dymu i monitor jakości powietrza w pomieszczeniu



## INSTRUCTION MANUAL

Read this manual carefully before use.

Keep all documentation supplied throughout the entire service life of the product.

### 1. DESCRIPTION OF THE INSAFE DETECTOR



EN14604:2005/AC:2008

A smoke detector is an alarm device designed to give off an audible signal to warn that a fire has started. INSAFE Origin, INSAFE Control and INSAFE+ Origin are Smoke Detectors with a built-in alarm system. Your detector and its sealed lithium battery come with a 10-year life

#### **The detector can be used in an exceptional household environment:**

Operating temperature: between  $-10^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ .

Recurrent and/or extended use in this environment can reduce the life of the battery and therefore the autonomy of the detector.

#### **Warning**

The detector must be installed by a qualified individual, according to the instructions given in this manual.

The detector will only activate the alarm in due time if properly located, installed and maintained.

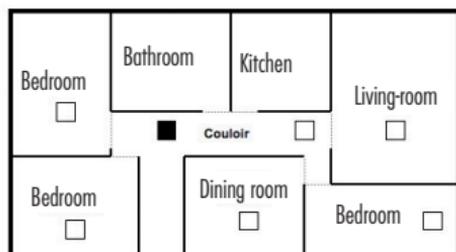
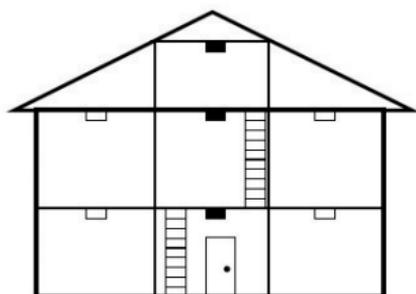
Under no circumstances can the detector be considered to replace the appropriate installation, use and maintenance of your fuel-operated device.

### 2. WHERE TO INSTALL THE DETECTOR

Depending on the layout and the surface area of the dwelling, several smoke detectors may be required to ensure minimum protection and guarantee efficient detection, the range of the alarm and quick evacuation of the dwelling.

Recommended installation

Standard installation



#### **Standard installation**

- on each floor
- in hallways and/or stairwells
- between rest areas (bedrooms), the possible ignition sources (garage, area with a high electrical system, etc.) and exits leading outside of your home (door, window)

## **Recommended installation**

Place a detector:

- on each floor, every 7 m
- in each stairwell per level
- in each room (1 for 50 m<sup>2</sup>), except in the kitchen and the bathroom (refer to paragraph below: «Places to be avoided»)

## **It is recommended to install smoke detectors:**

- less than 7 m from possible ignition sources
- less than 7 m from rest areas (3 m if the doors are closed)
- less than 7 m from exits

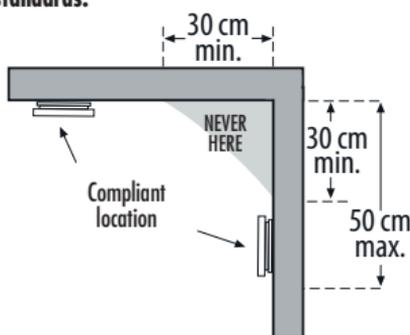
**Locate the detector in line with the current building standards.**

### **Ceiling mounting:**

Install the detector to the ceiling in the center of the room, minimum 30 cm from corners, walls, beams or any other obstacles.

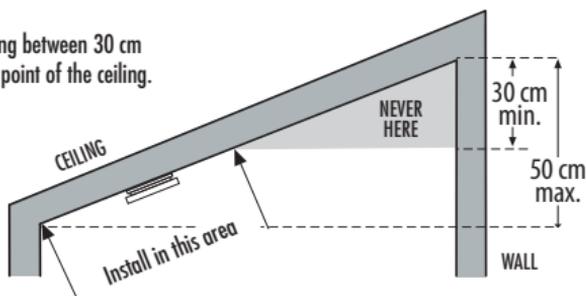
### **Wall mounting:**

Install the detector to the wall at a distance ranging between 30 cm and 60 cm from the ceiling.



### **Mounting on a sloped ceiling:**

Install the detector at a distance ranging between 30 cm and 60 cm vertically from the highest point of the ceiling.



**CAUTION:** INSAFE+ Origin detector is wall-mounted only. It can not be located on the ceiling.

## **Places to be avoided**

Do not install the smoke detector:

- Outside
- In a place where the alarm will be difficult to hear (room with closed door)
- In a place where the detector will be difficult to reach, in particular to perform tests
- In a place where the temperature is lower than 4°C or higher than 45°C
- In a place where humidity is less than 10% or exceeds 95% (bathroom, kitchen, laundry room, etc.)
- In a place subject to high and/or rapid temperature, pressure or humidity variations
- In a place where the sunlight hits directly on the detector
- In a dusty or dirty area (garage, workshop, etc.)
- In a place where there are a lot of insects
- In a place where spurious smoke may disturb the smoke detector: kitchen, chimney, garage (exhaust gas), furnaces, boiler rooms, combustion radiators, etc.
- Close to heating appliances, windows, ventilation ducts, air conditioners, fans or any other item of equipment that may produce air flows
- Close to an area that is hotter or cooler than the rest of the room (non-insulated walls, hatches, etc.)
- Less than 1.5 m from obstacles preventing the smoke from accessing the detector (decorative objects, walls, doors, plants, chandeliers, curtains, etc.)
- Less than 1.5 m from lighting appliances (ceiling light, incandescent lamps, halogen or fluorescent lamps, etc.)
- Less than 1.5 m from electrical appliances or their wiring.

### 3. COMMISSIONING THE DETECTOR



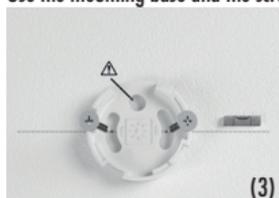
Comply with the following commissioning procedure:

- Activate the single-use switch (1)
- Wait a few seconds then press the button of the detector for 3 seconds until the alarm sounds, then release it for the alarm to stop (2)

The detector initializes for 10 minutes. At the end of the 10 minutes, the detector is operational. The red diode will then flash every 5 and a half minutes indicating that the detector is working properly

### ATTACHING THE SMOKE DETECTOR

Use the mounting base and the screws and wall plugs provided with the detector.



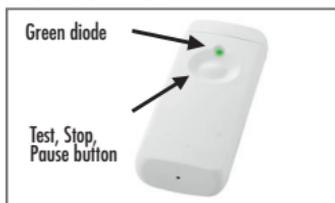
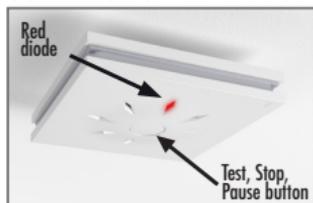
### Comply with the following procedure:

Select an appropriate location to secure the detector :

- On the wall or ceiling for INSAFE Origin and INSAFE Control
- On the wall for INSAFE+ Origin

- Remove the mounting base from the detector
- Mark the preferred location of screw holes on the wall using a pencil. The drawing inside the base shows the final position of the detector when attached. (3)
- Insert the nylon wall plugs provided and screw on the mounting base (4)
- Place your detector on the mounting base and then rotate a quarter turn to the right to secure. You should hear a «click», indicating that your detector is secured in its mounting base (5)
- Check that your detector is securely fitted to the wall or ceiling

### 4. OPERATION OF THE DETECTOR AND THE REMOTE CONTROL



### Operation of the remote control (INSAFE Control)

- The remote control is available and only operates with the INSAFE Control detector
- The remote control can only be used underneath the detector, perpendicular to its mounting axis
- When you press the button, the green diode comes to indicate proper operation of the remote control
- The button must be pressed and held for 5 seconds for the remote control to operate.
- After installation, the red diode will flash every 5 and a half minutes thereby indicating proper operation of the detector.
- In the event of an alarm, the alarm tone sounds and the red diode starts flashing several times per second.

**CAUTION:** Keep the detector away from your ears or wear ear plugs.

	BUTTON	RED DIODE	BUZZER	DETECTOR CONDITION	ACTION
Test	Press the detector button or press the remote control button for 5 s. until the alarm sounds then release	1 Flash several times per second if the test is working	Alarm sound signal if the test works	OPERATIONAL after 10 minutes	If the test does not work, the detector probably detected an operating defect. Firstly make sure that you have properly complied with the precautions of use of the detector. If such is the case, carry out the operation again (twice) if necessary. If the test still does not work, wait 15 minutes and carry out the operation again (twice) if necessary. If the test still does not work, the detector must be replaced.
Pausing the alarm	Press the detector button or press the remote control button for 5 s. until the red diode starts to flash	1 Flash every 10 s. for approximately 10 minutes		OPERATIONAL after 10 minutes	Your detector then starts to operate automatically. Pausing the alarm helps to control a pending false alarm in advance (e.g.: smoke or steam when cooking, use of candles or incense, cigarette smoking, etc.)
Stopping the alarm	Press the detector button or press the remote control button for 5 s. until the alarm stops	1 Flash every 10 s. for approximately 10 minutes		OPERATIONAL after 10 minutes	Your detector then resumes automatic operation.
Low battery indicator		1 Flash for 45 s. for at least 30 days	1 Beep every 45 s. for at least 30 days	NON-OPERATIONAL	The detector must be replaced
Pausing the low battery warning	Press the detector button or press the remote control button for 5 s. until the red diode starts to flash	1 Flash every 45 s. for 8 hours approximately		NON-OPERATIONAL	The detector must be replaced
Smoke detector end-of-life warning			1 Beep every 45 s. until the batteries are dead	NON-OPERATIONAL	After 10 years of use, the detector must be replaced
Defect		1 Flash every 45 s.	1 or 2 beeps every 45 s.	NON-OPERATIONAL	Make sure that you have properly complied with the precautions of use. If such is the case and the defect alarm continues after 15 minutes, then the detector must be replaced

## 5. BATTERY

The smoke detector has a maximum service life of 10 years. Beyond this limit, it will no longer operate at peak efficiency. Your detector and its remote control are fitted with a high-performance battery that has a duration of 10 years. This battery cannot be replaced. The detector and the remote control are sealed and will operate throughout their entire service life. The end of the battery life means that you must change your detector and/or remote control.

## 6. MAINTENANCE

Clean the detector every month:

- Remove dust from the detector with an antistatic cloth or with the brush end-fitting of your vacuum cleaner
- Clean the upper edges of the detector with an antistatic cloth
- Immediately remove any insect, spider web or dust accumulated around your detector.

**CAUTION: Do not use a compressed air spray or equivalent**

## 7. ACTION TO TAKE IF THE DETECTOR ALARM IS ACTIVATED

Make sure you know how your detector alarm works to start with.

Prepare an evacuation plan, learn to recognize the exit route and practice evacuating your dwelling rapidly.

### **In the event of an alarm:**

- Keep calm
- Immediately evacuate your family from the dwelling, without taking anything with you, in accordance with the evacuation plan
- Be careful of the heat and smoke, keep your head down, cool air is close to the ground; cover your nose and mouth with a wet cloth
- Close the door of the room on fire and the entrance door
- Once outside, call the firefighters by dialing 112 (single European emergency number)
  - State the reason for the call (type of fire)
  - Give your exact address and state whether there are victims and the severity of their injuries
  - Answer all questions asked by the firefighters. Do not hang up before being told to do so
- Do not try to go back inside the house
- Never take the lift

**CAUTION: If all ways or staircases are completely engulfed in smoke:**

- Stay inside
- Take shelter in a room
- Close all inside openings (doors, air vents, etc.)
- Call the firefighters by dialing 112 (single European emergency number)
- Place wet rags at the base of the doors and in front of inner openings
- Go to the window so that emergency response personnel can see you

## 8. PRECAUTIONS AND OPERATING LIMITS OF THE DETECTOR

For safety reasons, make sure you comply with the following provisions:

- Comply with all of the instructions in this manual and pay attention to the fact that failing to replace the detector at the intervals indicated in the manual will suspend detector operation and prevent an alarm, which could prove hazardous.
- Do not install the detector in one of the locations described in § «Places to be avoided».
- Do not paint or cover the detector.
- Do not block the detector openings.
- Do not disassemble, modify or damage the detector.
- The detector must be installed at all times.
- Do not place bare ignition sources such as lighted candles underneath the detector.
- The detector is not a transportable product.
- The detector is unable to detect fires outside of the dwellings.
- The detector will not be able to detect a fire if an insufficient quantity of smoke reaches the detector sensor (smoldering fire, fire too far away, etc.).
- It is recommended to install several detectors for optimum safety.
- The detector cannot be used for people who are hearing impaired.

- The manufacturer recommends a monthly maintenance of the detectors.
- It is dangerous to suspect a false alarm as the smoke preceding the onset of the flames are toxic and may cause you to lose consciousness: despite the absence of flames, a fire may blaze up in a few minutes.
- If false alarms are frequent, you may need to change the location of your detector and move it further away from the sources of false alarms.
- The detector must no longer be used and must be replaced subsequent to a fire or after a significant amount of smoke or under abnormal conditions.
- The detector must not be used more than 10 years after initial commissioning.

The detector is designed to have a service life of 10 years enabling it:

- To detect fires for 10 years
- To power the alarm signal for 4 minutes at 85 dB.
- To perform weekly tests for 10 seconds.
- To indicate that the battery is low via an audible signal for 30 days.

Some conditions could damage the detector, reduce its sensitivity and/or the life of the battery and therefore of the detector:

- Exposing the detector to temperatures or humidity levels outside of the normal household environment
- A recurring and/or prolonged use in this exceptional environment

## 9. SCRAPPING AND RECYCLING THE DETECTOR



This symbol, placed on the detector and its packaging, indicates that this product must not be scrapped with household waste, in accordance with European Directive 2002/96/EC on Waste electrical and electronic equipment (WEEE).

The detector must be disposed of at an appropriate recycling centre for electrical and electronic equipment. Comply with national scrapping laws.

By cooperating with these instructions, you are helping to eliminate the potential effects of hazardous substances on the environment and human health, as well as enhancing re-use, recycling and other forms of recovery.

NEXELEC is a member of the following eco-friendly waste management organisation: Ecologic

**IMPORTANT: The detector contains a lithium battery: do not dispose of this battery by fire, melt or incinerate.**

## 10. WARRANTY

NEXELEC offers a contractual warranty of the INSAFE Origin, INSAFE Control and INSAFE+ Origin "Smoke Detection and Alarm Devices" on the EU territory, covering the features for which the devices were designed, in accordance with Regulation and applicable European Directives.

- Period covered as from the date of purchase :
- 5 years for the INSAFE Origin and INSAFE Control detectors
- 2 years for the INSAFE+ Origin detector

This warranty will not apply for any damage to the detector, caused by negligence, inadequate storage conditions, inappropriate handling, inadequate attachment, incorrect use, inappropriate maintenance (cf. User manual), dismantling, modification, non-compliance with the operating precautions recommended for the detector in the user manual. This warranty will not apply for any damage caused by the use of incorrect attachment devices or non-compliance with the installation process. Given the many different factors which could affect the quality of the installation of the detector, only the user is able to oversee all risks inherent to installation, as these factors are difficult to foresee and depend on the characteristics of the dwelling. The inadequate operation or non-operation of the detector due to clogging by dust and/or insects, despite maintenance in compliance with this manual, will be considered as normal wear to the device and cannot be covered by the warranty as these aspects are difficult to predict and depend on the characteristics of the dwelling. This warranty cannot be considered as insurance. This warranty applies in addition to your statutory warranty. If a fault is detected for the product, and if the warranty is applied as per the conditions mentioned in the user manual, the defective detector will be repaired or replaced.

## **11. AFTER-SALES SERVICE**

Before requesting the application of the contractual warranty, you must check the information available on the website [www.insafe.io/support](http://www.insafe.io/support) and obtain a return reference. The warranty may not be applied without a return reference.

If a fault is detected during the warranty period, the buyer must send the detector by post to the NEXELEC after-sales service.

Proof of purchase, with a date, and a letter requesting the application of the warranty and explaining the fault in question must be enclosed with the detector.

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