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SMOKE DETECTOR

SmokeSense

User manual

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Welcome

Thank you for choosing the SmokeSense.

The SmokeSense is an optical smoke alarm with a loud 85 dB siren. It works entirely on its own: hang it up and you are done. You can link several SmokeSense alarms to each other wirelessly, and you can pair it with your Neroo alarm system. You then also get a notification on your phone when there is smoke, even when you are not at home.

The SmokeSense works with the ShieldLink Lite, Plus, Pro and Elite and with the CamperGuard Pro.

WARNING

A smoke alarm saves lives, but only if it works. Test it every week with the test button, never remove the battery to silence it, and replace the alarm after 10 years.

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1 The SmokeSense at a glance



Front: smoke chamber with siren and the button



Back: this is how you twist it onto the mounting plate

There is one button in the middle of the alarm. It has three functions: testing, temporarily silencing the alarm and linking. Behind the button is a red light; when linking, the alarm also uses a green light.

You hear or see	Meaning
🔴 Red flashes every 53 seconds, no sound	Normal: the alarm is on and working
🔴 Red flashes quickly, loud short beeps	Smoke detected — or you are testing it with the button
🔴 One beep every 53 seconds	Battery running low — replace the battery
🔴 Red flashes twice every 53 seconds	Fault: clean the alarm or replace it
🔴 Red flashes every 10 seconds	Alarm is temporarily silenced (about 10 minutes)

2 Three ways to use it

Use	What happens when there is smoke
On its own	The alarm itself goes off. No alarm system, Wi-Fi or app is needed.
Interlinked	All linked SmokeSense alarms go off together — including those on another floor. See chapter 6.
Paired with your alarm panel	Your alarm system also goes off and you get a notification on your phone. See chapter 5.

IMPORTANT

The SmokeSense has no internet connection of its own. You only get a notification on your phone if it is paired with a Neroo alarm panel.

3 Switching on and testing

1. Twist the alarm anticlockwise off the mounting plate, if it is on it.
2. Make sure the battery is connected. If there is an insulating strip at the battery, pull it out. The red light flashes once: the alarm is on.
3. Hold the button for about 3 seconds. The red light flashes quickly and the siren beeps loudly “beep-beep-beep”. Then the alarm works.

GOOD TO KNOW

The siren is very loud. Hold the alarm at arm’s length from your ear when testing.

4 Where to hang it?

- At least one alarm on every floor, in the hall or on the landing: the escape route.
- Between the bedrooms and places where fire can start, such as the living room and kitchen. No bedroom door more than 3 metres from an alarm.
- For the best protection, also in the bedrooms, especially if the doors are closed at night.
- Preferably in the middle of the ceiling. On a wall: 15 to 30 cm below the ceiling.
- On a sloping or pitched ceiling: 90 cm below the highest point. ‘Dead air’ lingers there.
- No more than 7.5 metres between two alarms, and no more than 7.5 metres from a door behind which a fire could start.

Where not to hang it

- In the kitchen, bathroom, utility room, boiler room or garage: cooking fumes, steam and exhaust gases cause false alarms.
- In the draught of fans, heaters, air conditioners, doors or windows.
- Within 30 cm of a light or a corner of the room, and within 1.5 metres of fluorescent lighting.
- In very dusty rooms, or in a spot where testing is dangerous, such as above a stairwell.

Mounting

1. Drill holes for the mounting plate in the chosen spot and insert the plugs.
2. Screw the mounting plate in place with the screws supplied.
3. Place the alarm on the plate and twist it clockwise until you hear a click.
4. Test the alarm once more with the button.

5 Pairing with your alarm panel

1. Put your alarm panel in pairing mode for a safety sensor — see the table below.
2. Press the SmokeSense button until it gives a test alarm. This sends its signal; the alarm panel confirms the pairing.
3. In the app, give the alarm a name you will recognise, such as “Smoke alarm hall” or “Smoke alarm attic”.

GOOD TO KNOW
Every alarm panel pairs accessories in its own way. The short version is below; you will find the full steps in your alarm panel’s manual, in the chapter on pairing accessories. All manuals are at neroo.eu/pages/manuals.

Alarm panel	How to start pairing
ShieldLink Pro, Elite and CamperGuard Pro	Tap Connection → Sensors (user code, default 1234) → “+” → Safety → “+ Pair”
ShieldLink Plus	Menu → Accessories → Sensors → “+” → Urgent → “+ Pair”
ShieldLink Lite	Settings ⚙ → admin code → 1 → 1 → ✓ (quick pairing)
Via the app	Open the alarm panel → Accessories → “+”

A smoke alarm should always be active, even when the alarm system is off. So check in the app that the alarm is set to “always active” (on the Pro, Elite and CamperGuard that is the Safety type, on the Plus the Urgent type).

GOOD TO KNOW
Several interlinked alarms? Then pair each alarm with your alarm panel separately. That way you see in the app exactly which alarm detects smoke.

6 Interlinking alarms

You link the alarms to one ‘main alarm’, which passes the signal on to the other alarms. Choose a main alarm that hangs centrally in the house — with two floors in the middle of the ground floor, with three floors on the middle one.

1. Main alarm: press the button 3 times quickly (within 2 seconds) and hold it for 1 second on the third press. The green light flashes: the main alarm waits 1 minute for other alarms.
2. Next alarm, within that minute: press the button twice quickly (within 1 second) and hold it for 1 second on the second press. The green light flashes briefly, then stays on for 3 seconds and the alarm beeps briefly: linked. The main alarm also beeps once.
3. Repeat step 2 for each next alarm. If it takes longer than a minute, start again at step 1.

GOOD TO KNOW

Link the alarms one by one, not all at once. And do it on the table, side by side, before you hang them up.

Testing whether the link works

Hang all alarms in their places. Then hold the button on one alarm for about 1 second until it gives a test alarm. Shortly afterwards all other linked alarms join in: green light and beeps. If an alarm stays silent, it is not linked or hangs too far away. Hang it closer to the other alarms or link it again.

Removing an alarm from the group: press the button 4 times quickly (within 2 seconds) and hold it for 1 second on the fourth press. The green light flashes for 3 seconds and goes out.

IMPORTANT

Reinforced concrete and thick walls dampen the signal. In open space it reaches about 150 metres, indoors much less. So always test in the final positions.

7 When the alarm goes off

WARNING

Does the alarm go off without you pressing the button? Assume there is a fire. Stay calm, warn everyone and leave the house by the safest route. Feel a door before opening it: if it is warm, use another exit. Crawl below the smoke. Agree on a fixed meeting point outside, call 112 from outside and never go back in.

False alarm, for example from burnt food

Briefly press the button. The alarm is then silent for about 10 minutes (the red light flashes every 10 seconds) and checks again afterwards. Open windows to let the smoke out. If it goes off again immediately, or does not go quiet, there is a lot of smoke: take it seriously.

GOOD TO KNOW

Make an escape plan with your household and practise it a few times a year. Make sure everyone knows what the alarm sounds like.

8 Testing, maintenance and battery

- Test the alarm every week with the button, and also after you have been away for a few days. Never use a flame to test it.
- Remove dust once a month with a soft brush. Do not use water or cleaning agents. Test it again afterwards.
- Replace the alarm after 10 years, or immediately if the test does not work.

Replacing the battery

If the alarm beeps every 53 seconds, the battery is running low. Pressing the button silences that beep for about 12 hours — replace the battery within that time.

1. Twist the alarm anticlockwise off the mounting plate.
2. Replace the battery with a new CR123A lithium battery (3 V). Only use this type. The red light flashes once.
3. Hold the button until the alarm beeps 3 times, and twist it back onto the plate.

9 Specifications

Type	Optical (photoelectric) smoke alarm, interlinkable
Works with	ShieldLink Lite, Plus, Pro and Elite · CamperGuard Pro
Standard	EN 14604 · CE
Siren	85 dB at 3 metres
Wireless	433 MHz
Battery	Lithium 3 V (CR123A), up to 10 years
Environment	Indoors · 0 to +55 °C · humidity up to 95 % (non-condensing)
Mounting	Ceiling or wall, with mounting plate
In the box	SmokeSense, mounting plate, screws and plugs

10 Warranty & support

Your SmokeSense comes with a manufacturer’s warranty. A smoke alarm is no substitute for insurance or a professional fire detection system. Questions? Our team is happy to help.

- E-mail: service@neroo.nl · Phone: +31 85 850 0107
- Manuals, videos and frequently asked questions: neroo.eu/pages/manuals
- End of its life? Hand the alarm and the battery in at a collection point (WEEE).

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