



Your direct contact to the Minol  
24h hotline for smoke alarms

Telephone 0711 94 91-1999  
minol.de/rauchmelderstoerung

## ..... Handling smoke alarms correctly.

### Important to know.

Smoke alarms detect fires early on and will warn you of the looming threat in a timely manner. Therefore, please ensure that your devices are functional - for your own safety!

#### Do not change the installation location:

- The installation locations of smoke alarms have been specified in the building code of each state and are described in more detail in the application norm DIN 14676. The alarms may not be removed from the original installation location and installed elsewhere.
- In case the purpose of individual rooms changes (for example, if an office is converted into a children's room), your Minol Service will gladly review whether the smoke alarms will need to be retrofitted.

#### Protection from damages and contamination:

- Damaged or contaminated smoke alarms may trigger false alarms. To this end, also read the adjacent information about "Preventing false alarms".
- Contact with aerosols (for example spray from cans), water, cleaning agents or nicotine deposits and insect contamination may impair the proper functionality of the smoke alarm.
- Clean exterior contamination with a slightly damp cloth. NEVER clean the smoke alarm with a vacuum! Dust and lint are best removed with a statically charged feather duster.

#### Preventing false alarms:

- If smoke or dust particles enter the smoke chamber in high concentration, the smoke alarm will trigger the alarm. This may be the case during renovation work, for example, if fine dust is created through drilling or sanding. Smoke alarms which are painted over will also lose their functionality. Therefore, please ensure to remove the devices during that time or to cover them temporarily (with masking tape).
- After the work has been complete, test the functionality of the smoke alarm again: Perform function test (see reverse) and accessibility of the smoke entry openings. If you uninstalled the smoke alarm temporarily, be sure to install it at the original location again.
- False alarms may also be triggered if smoke (for example as a result of frying) or water steam from kitchen or bath enter the rooms equipped with smoke alarms. This can be prevented by keeping the kitchen door closed while cooking, for example.
- Should the alarm trigger, nonetheless, set the smoke alarm to mute using the large test button. It is important to properly air out the apartment afterwards.
- Setting the smoke alarm to mute will not affect its functionality as it will be fully functionally afterwards again.

## ..... In case of a fire. Be prepared.

- Each resident of the apartment should be familiar with the signal of the smoke alarm and capable of recognizing it as such.
- Discuss possible escape routes with all residents and try them out together. In case of a fire, a well-practiced escape route may save lives.
- Escape routes must always be kept free of obstructions. Therefore, please ensure that the escape routes are not blocked in any way which may prevent you from exiting the building quickly.

## ..... Fire in the apartment



- Exit to the staircase.
- Warn all residents and neighbors.
- Exit the building.
- Call emergency services 112.

Do you require additional information?

Where needed, your local fire department can provide you with further information in case of a fire.



## ..... Fire in the stairwell



- If the escape route in the stairwell is blocked, keep calm and do not panic.
- Go back into your apartment and close the door.
- Seal the gap under the door with wet blankets or something similar, if possible.
- Call emergency services 112.
- Wait for the fire department at the window.



## ..... Smoke Alarm Minoprotect® 4 radio

Information for  
apartment owners and tenants



Minol Messtechnik  
W. Lehmann GmbH & Co. KG | Nikolaus-Otto-Str. 25 | 70771 Leinfelden-Echterdingen  
Telefon 0711 94 91-0 | Telefax 0711 94 91-238 | info@minol.com | minol.de

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Smoke Alarm  
Minoprotect® 4 radio.

A guardian angel on the ceiling.

The acoustic signal of the smoke alarm Minoprotect® 4 radio will provide you with valuable time in order to get yourself and all residents to safety. This is especially important at night when you are sleeping, and your sense of smell is deactivated!

Familiarize yourself with the most important functions of the smoke alarm in the following.

Smoke alarm test for checking functionality

- Before performing the test, check that the smoke alarm is attached to the base plate.
- The smoke alarm is now active, the red LED light should blink once every 46 seconds.

- Keep the test button pushed down for a short period of time and release it again.
- The smoke alarm is intact if it issues two short signals while the red LED is flashing. The smoke alarm should then go silent and return to its original operating mode.
- Repeat this process with all smoke alarms in your household.
- Regular testing is recommended (once per week).
- When the button is pushed, the effect of smoke is simulated in the smoke alarm. It is not necessary to test the devices with actual smoke!

Muting the smoke alarm

- In case of an unwanted alarm, for example due to kitchen or water steam, the smoke alarm can be muted.
- During this alarm, the red LED on the casing of the smoke alarm will flash rapidly.
- Push the large test button to mute the smoke alarm for approx. 10 minutes.
- When muted, the trigger sensitivity of the smoke alarm is reduced. But the smoke alarm does remain active!
- After 10 minutes, the smoke alarm will return to its normal operating mode.

The smoke alarm triggers an alarm.

How to act.

Keep calm. Check all rooms to see if you detect a fire.

If you detect a fire:

- Get yourself and all other residents to safety immediately and inform the fire department at 112!
- Only attempt to extinguish the fire yourself if it is small and restricted. Do not attempt to extinguish a growing fire yourself.

If you can exclude a fire:

- Mute the smoke alarm by pushing the test button (for example with a broom handle). The signal will be suppressed for approx. 10 minutes.
- Ventilate the rooms properly. Once the possible cause has been removed through ventilation, the smoke alarm will return to its original operating mode after approx. 10 minutes.
- If the smoke alarm continues to issue a signal alarm or visual signals (LED), the smoke alarm is experiencing a fault. The overview of the smoke alarm signals will help you to determine the exact nature of the fault.

- Do not open the device under any circumstance. Do not attempt to perform repairs yourself.

- In case of a fault, the Minol Service is available around the clock at + 49 711 9491-1999 (see left info box).

Overview of smoke alarm signals.

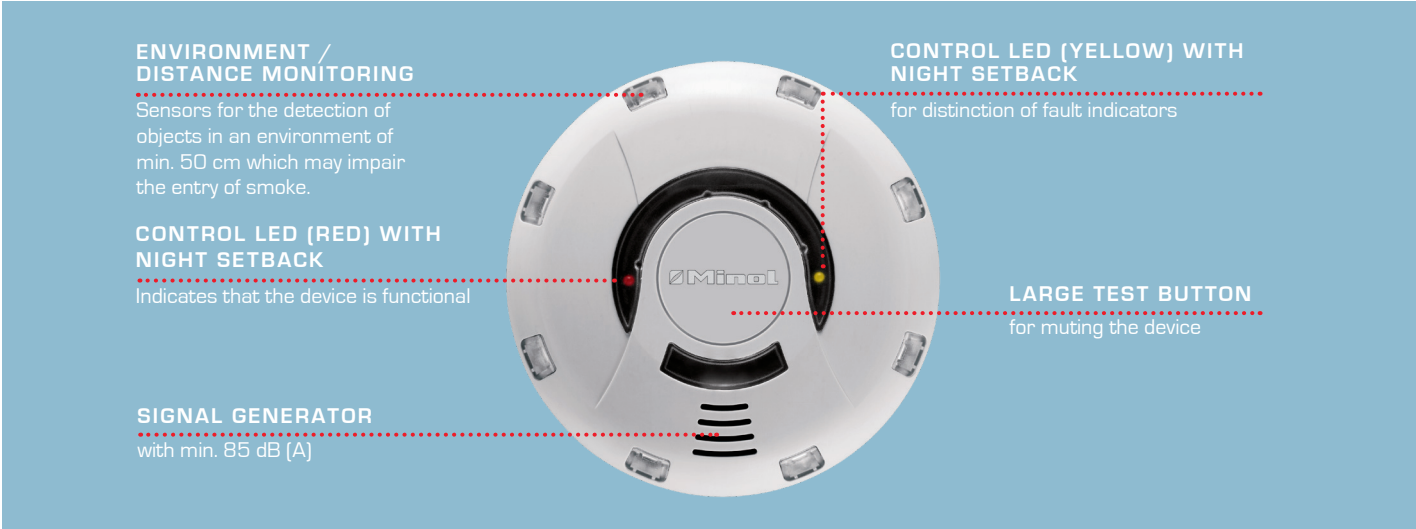
The right interpretation.

Operating mode	Signal pattern		
	Sound generator	LED red	LED yellow
Normal operation		Short flash every 46 seconds	
Alarm test	Short sound signals Twice successively	Two short successive flashes at the same time as the sound generator	
Alarm mode	Short sound signals approx. 1 second apart	Flashes approx. 1 second apart at the same time as the sound signal	
Mute mode		Flashes approx. 1 second apart	
Error mode	See description under fault signals		
Deactivated	Off	Off	Off

Error signals	Signal pattern			Required action
	Sound generator	LED red	LED yellow	
Battery fault	Short sound signals every 46 seconds <sup>1</sup>	Two short flashes every 46 seconds <sup>1</sup>		Replace device immediately
Measuring chamber contaminated	Two short sound signals every 46 seconds <sup>1</sup>	Two short flashes every 46 seconds <sup>1</sup>		Contact customer service
Test button fault		Short flash every 46 seconds	Short flash every 46 seconds at the same time as the red LED	Contact customer service
Sound generator defective		Two short flashes every 20 seconds <sup>1</sup>	Two short flashes every 20 seconds at the same time as the red LED <sup>1</sup>	Contact customer service
Smoke entry opening blocked		Two short flashes every 20 seconds <sup>1</sup>	Short flash every 20 seconds at the same time as the red LED <sup>1</sup>	Inspect device, remove blockage of smoke entry opening

<sup>1)</sup> Shut down fault indicator for approx. 65 hours by pushing the test button

**Night setback:** Sound fault signals via the sound generator will be issued with a delay of max. 24 hours if the fault occurs for the first time and while the environment is dark. The night setback is activated after approx. 10 to 15 minutes.



What to do in case of a fault?

- The Minol Service is available around the clock and on Sundays and Holidays at + 49 (0)711 9491-1999.**  
Please note that this call is not automatically associated with a fault clearance service. Error clearance services required due to incorrect handling will be subject to charges.
- Or send us a message at minol.de/rauchmelderstoerung**
- In case of a fire, contact the fire department immediately under the emergency number 112!**

