

Muting

If an undesired alarm sounds, triggered by kitchen steam or other steam, the smoke alarm can easily be "muted" for approx. 10 minutes via the test button. During this phase, the red LED will flash roughly once a second. Muting is quite easy with a broom handle for example, and reduces the responsiveness of the smoke alarm. However, the smoke alarm is still active! When muted after a false alarm, it will reset after 10 minutes. Normal operation is resumed.



Cut out the following instructions and keep them in an accessible place in your apartment – for your own safety.

If there is a fault with your smoke alarm, the Minol Hotline can help. They are available round the clock, even at night, at weekends, and public holidays.

The Minol smoke alarm hotline team

Telephone: 0711 9491-1999

Caution! In the event of a fire, call the fire brigade immediately on the emergency services number 112.

Maintenance and care

Smoke alarms must not come into contact with aerosols, detergents, or water. Remove any external dirt with a slightly damp cloth. Ideally remove any dust or fluff with an antistatically charged feather duster. Caution! Batteries (battery pack or batteries used) should not be exposed to excessive heat such as sunshine, fire, or similar.

Be prepared

Every resident should familiarise themselves with the warning sound and the warning systems associated with the smoke alarm, so that an alarm can be recognised as such if it should arise. In the event of a fire, having an evacuation route planned and practised can be a life-saver. Talk this through with other residents who have the same evacuation route and go through it together. Evacuation routes must be kept clear. Please always ensure these do not become blocked as this may stop you getting away from the building quickly. Before opening any door in an emergency, check it first with your hands. If the door feels hot to the touch, there could be a fire behind it. Leave the door closed and look for another way out. Creating a draught by opening a door can spread the fire further. Do not waste any time by gathering personal items. These can all be replaced, but your life can't! Inform all residents and leave the building as quickly as possible.

If you have any conversion work carried out, Minol-Service would only be too happy to check whether your smoke alarm needs to be upgraded or re-fitted.

Key points in brief

Keep calm

Report the fire



Activate the fire alarm



Call the emergency services

Get to safety



Warn anyone in danger. Close all windows and doors. Bring anyone unable to help themselves with you. Follow the evacuation route indicated.



Do not use the lifts
Look for your assembly point
Follow all directions given

Try to put it out



Use fire extinguishers

Minol – all that counts

Smoke Detector



**SMOKE ALARM SERVICE
FROM MINOL WITH
MINOPROTECT 3 RADIO**

“Smoke detectors save lives!”

Minol Messtechnik

W. Lehmann GmbH & Co. KG
Nikolaus-Otto-Straße 25
70771 Leinfelden-Echterdingen

Telephone 0711 94 91 - 0
Telefax 0711 94 91 - 237
Email info@minol.com
Internet www.minol.de

Important note

Smoke alarm fitting locations are subject to legal regulation in accordance with Usage Norm DIN 14676. Therefore, smoke alarms must not be moved from their original location and fitted in another location. The role of a smoke alarm is to recognise the initiation of a fire early by the appearance of smoke, and to warn of the threat of danger in good time – particularly at night, when you are asleep and your sense of smell is not active. Therefore please pay attention to your smoke alarm's ability to function – for your own safety. Overpainting, wallpapering or covering over the smoke alarm can lead to faults or even to complete disabling of the device. Please take care not to position lamps or lights directly on the smoke alarm. Factors such as nicotine or contamination by insects may cause a false alarm. Smoke alarms can offer no protection, for example if you smoke in bed, or children are playing with an open flame, or if there is an explosion caused by escaping gas. Installing smoke alarms can only form one element of a fire protection concept. Smoke alarms are not a replacement for buildings insurance or other kinds of insurance.

Operation mode

The red LED on the front of the smoke alarm blinks every 46 seconds, to show that it is active. In addition, the optical display on the device has a dimming function activated when it is dark. (Night dimming).

Faults

If the device gives off a false alarm, you should then carry out a smoke alarm test. If it exhibits another fault, you should inform your contact or the caretaker. Under no circumstances should you open the device yourself. Never try to carry out a repair yourself.

Handling recognition of surroundings

The smoke alarm has sensors on the device which monitor free entry of smoke. Short term restrictions e.g. during renovation work will not lead to a fault report. Longer term interference > 10 days will lead to a report to Minol, so that a fault removal process can be implemented. Therefore, please do not change the original fitting location of the smoke alarm.

Smoke alarm test

To carry out a test, the smoke alarm must be properly attached to the base plate..

1. The red LED on the front of the smoke alarm should flash once every 46 seconds, to show that it is activated.
2. Check functionality by activating the test button briefly. Press the test button briefly and release. The smoke alarm is working properly if it emits two short consecutive beeps and the red LED lights up in time with these.
3. If there are no faults, the smoke alarm reverts into its original operational mode.
4. The smoke alarm should be tested regularly (we recommend once a month).

Caution: Pressing the test button checks the whole smoke alarm. Therefore, do not attempt to check the alarm with an open flame or fire.

Do you need some help? The Minol Service is available at night, at weekends and on Bank Holidays on our **Hotline-No. 0711 94 91-1999**. However, we would like to point out that is not a fault resolution service. Fault resolution caused by improper handling will incur a cost.

False alarms

A smoke alarm will activate when smoke or dust particles penetrate the smoke chamber at a certain level of concentration. This can also occur during renovation work, when fine dust is generated by drilling or sanding, which then gets into the measurement chamber. Therefore please ensure that the

smoke alarm is removed during any renovation work (if anti-theft protection is not activated), or it is covered. Smoke alarms which have been over-painted will not function properly. False alarms can also occur if smoke (e.g. when frying food) or steam from the kitchen or bathroom get into other rooms fitted with

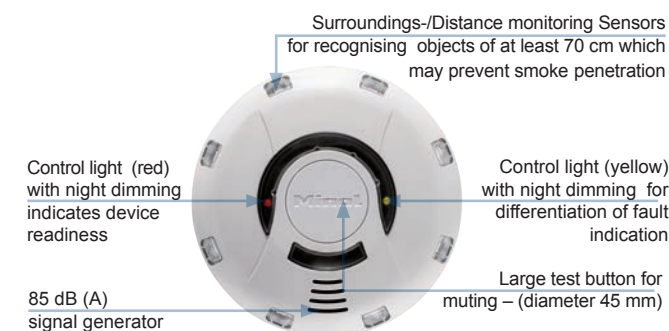
smoke alarms. You can prevent this, for example by keeping the kitchen door closed when cooking. If an alarm does go off however, the smoke alarm can be turned off by pressing the test button "Mute" It is important to ventilate your apartment well after pressing the mute button. **Note:** If there is a replace battery signal, or a lasting fault indication, simply remove the smoke alarm from the base plate by twisting it anti-clockwise (if anti-theft protection is not activated). The signal will stop in a moment.

Operation mode/ type of fault	Signal pattern			Required action
	Audible signal	LED red	LED yellow	
Normal operation		Short flash every 46 seconds.		
Alarm test	2 short signal sounds after each other	2 short flashes after each other at the same time as the audible signal.		
Alarm mode	Short signal sound 1 per second.	1 flash per second, at the same time as the audible signal.		Check if there is a fire, and if necessary get to safety
Battery warning (low battery level)		Short flash every 46 seconds.	Short flash every 20 seconds. ¹⁾	Inform your contact, arrange for the device to be exchanged within 30 days.
Battery fault ²⁾	Short signal sound every 46 seconds	Double short flash every 46 seconds.		Inform your contact, arrange for the device to be exchanged immediately
Measurement chamber contamination ²⁾	2 short signal sound every 46 seconds.	Double short flash every 46 seconds.		Inform your contact, arrange for the device to be replaced
Test button error		Short flash every 46 seconds.	Short flash every 46 seconds, at the same time as the red LED	Inform your contact, arrange for the device to be replaced
Signal generator fault ²⁾		Double short flash every 20 seconds.	Double short flash every 20 seconds, at the same time as the red LED	Inform your contact, arrange for the device to be exchanged immediately
Smoke inlet openings blocked ²⁾		Double short flash every 20 seconds.	Short flash every 20 seconds, at the same time as the red LED	Check the device, remove blockage of smoke inlet openings
Muted		1 flash per second.		

¹⁾ Error message can be switched off permanently by activating the test button

²⁾ Error message can be switched off for approx. 65 hours by activating the test button

When a fire is first detected, and the surrounding area is dark, audible fault signals from the signal generator will only go off after a delay of 24 hours max. (Night suppression)



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