

GIRA

Smoke alarm device Basic Q

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For your safety

Installation and mounting of electrical devices may only be carried out by qualified electricians.

Serious injury (e.g. caused by an electric shock), fire, or material damage are possible in case of improper mounting. Read these instructions thoroughly and observe them.

i Configuration and installation may only be performed by an expert

As per EN 14676, the configuration and installation of the smoke alarm device may only be performed by a qualified expert. For this purpose, Gira offers the "Certified expert for smoke alarm devices in accordance with DIN EN 14676" online course, complete with certificate. Additional information can be found under "akademie.gira.de".

i Briefing and transfer of the instructions

Explain all the functions of the product to the end user or their representative. These instructions are part of the product and must be transferred to the end user or their representative for safekeeping.

Product features

The smoke alarm device Basic Q is a battery-operated smoke alarm device for private residential units or similarly inhabited areas as per DIN 14676. The smoke alarm device detects the development of smoke in a timely manner and warns occupants before the smoke gas concentration becomes dangerous. The warning comes in the form of an acoustic signal.

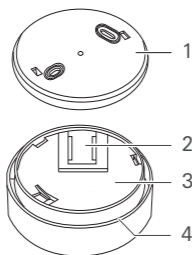
Product features

- Loud, pulsating alarm signal (min. 85 dB (A))
- Smoke detection using the photoelectric scattered-light principle
- Integrated function button for alarm acknowledgement and function test
- Automatic smoke evaluation self-test with tracking of soiling
- Soiling/fault display
- Permanently installed, non-removable battery
- Meets requirements of the new Q-Label quality seal

Scope of supply

- 1x smoke alarm device Basic Q
- 1x set of mounting hardware
- 1x installation and operating instructions

Device description



- 1 Mounting plate
- 2 Activation slider
- 3 Smoke alarm device
- 4 Smoke penetration openings

Selecting installation site

When selecting the installation site for the smoke alarm device, the specifications of DIN EN 14676 apply. The most important specifications are as follows:

- Attach as close as possible to the centre of the ceiling (min. distance of 50 cm from walls, lights and other obstructions)
- One smoke alarm device per room (max. 60 m² area)

i System description of smoke alarm devices

More detailed information with regard to installation as per DIN EN 14676 can be found in the "System description of smoke alarm devices", which is available in the Gira download area (www.gira.de/service/download).

Minimum protection/optimum protection

The following applies for flats and houses:

Minimum protection

- One smoke alarm device in every bedroom, every child's room and in the hallway/staircase (escape route).
- In the case of open space across two levels, a smoke alarm device is to be installed on the highest level.
- In the case of buildings spanning several storeys, a smoke alarm device is to be installed on each storey.

Optimum protection

- One smoke alarm device per room and floor
- In the case of larger buildings, use networked smoke alarm devices
- Use specialised alarm devices (e.g. heat detectors) in sensitive areas

i Deceptive alarm

Some sites are unsuitable for the installation of a smoke alarm device as deceptive alarms are repeatedly triggered due to local conditions (e.g. welding/soldering work, very heavy water/cooking vapour and similar fumes). More detailed information with regard to unsuitable installation sites can be found in the "System description of smoke alarm devices".

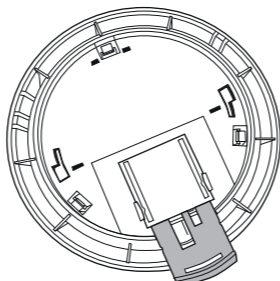
Installing smoke alarm device

Install the smoke alarm device as described in the following.

1. Install the mounting plate.
2. Activate the smoke alarm device.

Activation/deactivation

The activation slider is protected against being pushed in inadvertently at the factory. Remove the guard and slide the activation slider (grey) into the guide completely. The smoke alarm device is now activated. Deactivation is carried out in the reverse order.



3. Place the activated smoke alarm device onto the mounting plate and lock it there (turn clockwise). Removal is carried out in the reverse order.
4. Perform the function test (see "Function test").

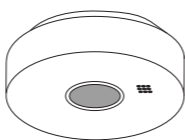
i Installation position

The smoke alarm device can only be installed in a certain position. A locking pin is found on the mounting plate for this purpose. It ensures that the smoke alarm device is locked properly.

Before locking, you must slide the activation slider into the smoke alarm device. Disregarding this could cause the smoke alarm device to tilt on the mounting plate. At that point, an extreme exertion of force would be required for its removal.

Function button

The smoke alarm device Basic Q features an easy-access function button (grey).



The following actions can be initiated:

- Alarm acknowledgement
- Function test

Function test

The function test should be conducted:

- After the initial installation
- At least once a month
- After every alarm, maintenance session and fault message

! Risk of permanent hearing loss due to the loud signal tone

The loud signal tone (min. 85 dB (A)) emitted during the function test can lead to a permanent loss of hearing (e.g. tinnitus). Maintain a distance of at least 50 cm from the smoke alarm device during the function test.

Performing function test

Perform the function test as follows:

1. Press and hold the function button for approx. 4 s. A loud signal tone is emitted, and the ring indicator flashes.
2. Release the function button. The signal tone is muted and the ring indicator goes out.

i Function test failure

Replace the smoke alarm device immediately if it fails the function test two times in a row. Non-operational smoke alarm devices may not be installed.

i Smoke alarm devices save lives

Observe the following when using smoke alarm devices:

- Use only smoke alarm devices which are compliant with DIN EN 14604.
- Never cover smoke alarm devices continuously, block them with objects or paint them.
- Never install smoke alarm devices if they are defective or not fully operational.

Operating and alarm signals

Signal tone	Ring indicator	Meaning
Loud interval tone	Flashes rapidly	Local smoke alarm
Brief signal tone (45 s cycle)	Flashes with delay to the signal tone	Fault/soiling
Brief signal tone (45 s cycle)	Flashes parallel to the signal tone	Weak battery*
Loud interval tone	Illuminates briefly	Function test

* Exchange smoke detector within 30 days.

Acknowledging alarm/deceptive alarm

If the smoke alarm device has triggered an alarm and a deceptive alarm has been identified as the culprit, you can acknowledge the alarm message by pressing the function button. Then ensure that the cause of the deceptive alarm has been eliminated.

Delaying fault/soiling display

The photocell integrated in the smoke alarm device delays the "Smoke alarm device soiled" warning up to 12 hours in darkness. This does not affect the functionality of the smoke alarm device! The message can be delayed by 8 hours at a time for a maximum of 7 days if the initial signalling occurs at an unfavourable point in time.

For this purpose, push the function button until the first signal tone to sound is muted. The message is now signalled after a delay.

Care and maintenance

Maintain and care for the smoke alarm device on a regular basis to ensure full operability.

Care

Wipe the smoke alarm device with a moist (not wet!) cloth on a regular basis. You can also carefully remove dust from the smoke alarm device with a vacuum cleaner (lowest setting).

Maintenance

i Maintenance and duty to maintain

As per DIN EN 14676, you are required to have smoke alarm devices maintained by a qualified expert. Observe the following: If this required maintenance is not carried out, insurance coverage may be nullified in case of fire.

i Maintenance book for smoke alarm devices

Gira offers the "Maintenance book for smoke alarm devices" in the download area. All the important data for the initial installation and subsequent maintenance can be entered here.

Renovation work

i Renovation work

If possible, do not install the smoke alarm device until all renovation work has been completed. Should this not be possible, you can remove the smoke alarm device for the period of work as an alternate option. After completing all the work, carry out a function test.

Troubleshooting

Problem	Solution
No signal can be heard during the function test	Check activation slider
Frequent deceptive alarms	Check installation site for interference sources Clean smoke alarm device

Disposal

Dispose of the smoke alarm device by the date indicated on the device's label or when the battery is flat.

i DANGER There is a risk of explosion if the battery is removed forcibly!

The battery in the smoke alarm device cannot be replaced.

An explosion can occur if damage is caused by forcibly removing the battery from the device. The entire smoke alarm device must always be disposed of



The Gira smoke alarm device is an electric and electronic device in the sense of EU guideline 2002/96/EC.

High-quality materials and components were used in developing and manufacturing the device. These materials and components can be reused and recycled.

Please consult the regulations governing the separate collection of electric/electronic waste valid for your country. These devices may not be disposed of with household waste. The correct disposal of waste can prevent possible negative consequences to the environment and humans.

Technical data

Power supply:	Via smoke alarm device battery
Battery life:	Up to 10 years (after activation)
Acoustic alarm signal:	Min. 85 dB (A)
Optical display:	Ring indicator (red LED)
Operating temperature:	-5 °C to +55 °C
Storage temperature:	-20 °C to +65 °C
Installation height:	Max. 6 m
Protection type:	IP 42
Housing dimensions:	110 x 40 mm (dia. x h)
Weight:	Approx. 250 g
Area of application:	As per DIN 14676

Declaration of performance

The Declaration of performance according to Directive (EC) No. 765/2008, Directive (EU) No. 305/2011 can be found either in the download area (gira.de/Konformitaet) or directly via the online catalogue at the product (katalog.gira.de).

Warranty

The warranty is provided in accordance with statutory requirements via the specialist trade. Please submit or send faulty devices postage paid together with an error description to your responsible salesperson (specialist trade/installation company/specialist electrical trade). They will forward the devices to the Gira Service Center.

i Q-Label and warranty

The Q-label has no effect on the legal warranty.

Gira

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