



**GIRA**

**General safety instructions**

Electrical devices may only be installed and connected by a qualified electrician!

Improper installation may result in serious injury, e.g. from electrical shock or fire, as well as equipment damage. This product contains batteries. Keep batteries away from children. The batteries cannot be replaced. Replace the entire device after 10 years. These instructions are part of the product and must remain with the end customer.

Observe the start-up sequence

Start-up sequence for the Alarm Connect security system:

1. Mount the alarm control unit and put it into operation (rechargeable battery pack connection and 230 V connection).
2. Configure the project in the Gira Project Assistant (GPA) and transfer it to the alarm control unit memory.
3. Mount all other devices, put them into operation (insert batteries, press Pairing button on the smoke alarm device) and check the wireless connection to the alarm control unit.
4. After successful inspection, set the alarm control unit to operation mode. If the start-up sequence is not observed, it will not be possible to put the security system into operation.

**Product features**

The wireless smoke alarm device is intended for use in the Alarm Connect security system and is used for detecting smoke and to generate an acoustic alarm indoors. Depending on the configuration of the alarm control unit Connect, a remote alarm can also be triggered when smoke is detected. The device has an integrated sabotage contact.

Label with hardware ID

The device comes with a label with the hardware ID. You can use it for your site map and simply scan the hardware ID with an appropriate scanner during configuration in the GPA.

**Scope of supply**

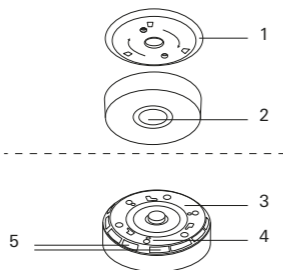
- 1 x smoke alarm device
- 2 x screw (suitable wall plugs must be provided by the customer)
- 1 x installation and operating instructions

Ensure the package contents are complete and undamaged. Please see "Warranty" in the case of any defects.

**Required accessories**

- Alarm control unit Connect (Item No. 5201 00)
- Wireless operation unit (Item No. 5212 16)

**Device description**



- 1 Mounting plate
- Underside:**
- 2 Test button
- Top side:**
- 3 Pairing button
- 4 Tamper button
- 5 Smoke chamber openings

**Selecting the mounting location**

When selecting the mounting location, the specifications of DIN 14676 apply, the most important specifications being:

- Mount the device on the ceiling in the centre of the room (at least 50 cm from walls and other obstacles),
- Maintain a minimum distance of 150 cm from lights.
- One smoke alarm device per room (max. 60 m<sup>2</sup> area).
- Do not mount it in the direct proximity of heat sources.

**Minimum protection/optimum protection**

The following applies to flats and houses:

**Minimum protection**

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

**Optimum protection**

- One smoke alarm device per room and floor

Deceptive alarms

Some locations are unsuitable for mounting a smoke alarm device because local conditions such as insects, welding / soldering work, large quantities of steam or cooking fumes trigger deceptive alarms.

**Putting the smoke alarm device into operation**

Prerequisite for device start-up

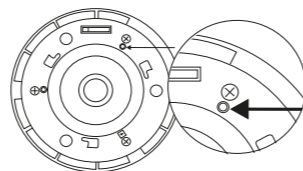
The project must first be successfully put into operation in the GPA (see "Start-up sequence").

Gira Project Assistant (GPA)

The Alarm Connect security system is configured using the GPA. The following settings are made for the smoke alarm device in the GPA:

- Enter device name.
- Assign device ID.
- Configure alarm forwarding and remote alarm.
- Start project.

1. Configure the smoke alarm device in the GPA and start the project.
2. Press the pairing button on the smoke alarm device to initialise the smoke alarm device and register it with the alarm control unit.

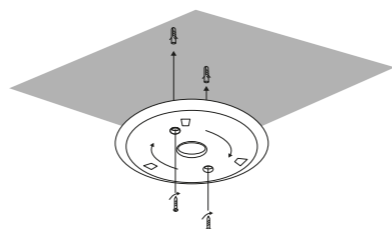


LED and signal tones during initialisation and registration

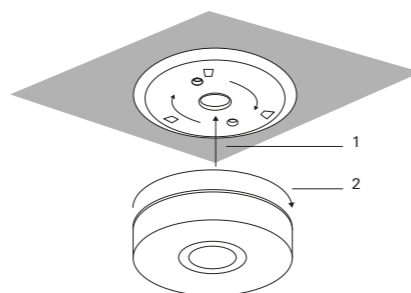
The smoke alarm device flashes alternately in red for 0.5 seconds and in green for 0.5 seconds. If initialisation is successful, 3 short signal tones are emitted and the green LED lights up green for 3 seconds and then goes out. If the smoke alarm device flashes green for up to 5 minutes instead, no connection was established. Check whether the alarm control unit is within range and accessible, whether the project has been transferred and whether the smoke alarm device is registered in the GPA.

**Mounting the wireless smoke alarm device**

1. Hold the mounting plate against the ceiling and mark two drill holes in the middle of the mounting holes.
2. Drill the holes and fasten the mounting plate with the supplied screws.



3. Press the smoke alarm device against the mounting plate and turn it clockwise until the smoke alarm device engages in the mounting plate.



**Checking the signal quality of the wireless connection**

1. Test operation in the GPA under [Security system] -> activate [Diagnosis and test]. The wireless smoke alarm device automatically sends a signal.
2. Check the signal quality. **Poor signal quality:** Insert a wireless repeater and check the signal quality again. **Good signal quality:** Wait until the end of test operation.

**LED and signal tones during operation**

LED	Signal tones	Meaning
flashes red	on	Alarm
flashes red once per minute	1 short signal tone per minute	battery flat
flashes red once per minute	2 short signal tones per minute	Device error, e. g. smoke chamber dirty

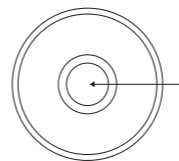
**Function test**

The function of the smoke alarm device should be tested once a month after start-up.

Test alarm triggers all alarms

Depending on the configuration, wireless indoor sirens and remote alarms are also triggered during a function test.

1. Press the test button briefly. The smoke alarm device emits 3 signal tones and the green LED lights up for approx. 1 s.



**Muting the alarm**

If smoke is detected and an alarm is triggered, the signal tone of the smoke alarm device can be muted.

1. Press the test button.

The signal tone is muted for 5 minutes and the red LED goes out. If the smoke alarm device continues to detect smoke after 5 minutes, the alarm will continue. The alarm via the indoor sirens can only be muted at the wireless operating unit. Acknowledging the alarm is only possible when the smoke alarm device no longer

detects smoke.

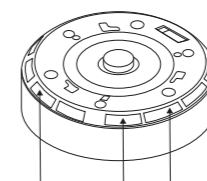
**Cleaning the wireless smoke alarm device**

The smoke alarm device should be cleaned at least once a year.

Keep the smoke alarm device dry

Never use water, detergent or solvents for cleaning. These can damage the smoke alarm device! Only use a soft brush for cleaning.

1. Turn the smoke alarm device anticlockwise to release it from the mounting plate.
2. Use a soft brush to carefully remove dust from all smoke chamber openings.



3. Press the smoke alarm device against the mounting plate and turn it clockwise until the smoke alarm device engages in the mounting plate.
4. Acknowledge the tamper alarm on the wireless operation unit.

**Reconnecting the wireless smoke alarm device**

1. Press the pairing button for at least 5 seconds. The smoke alarm device flashes alternately in red for 0.5 seconds and in green for 0.5 seconds. If initialisation is successful, 3 short signal tones are emitted and the green LED lights up green for 3 seconds and then goes out.

**Technical data**

<b>Power supply;</b> Supply:	Battery, encapsulated, not replaceable
Battery life:	up to 10 years (after activation)
<b>Power supply</b> Stand-by mode:	5 µA
Alarm:	400 mA
<b>Device – general</b> Volume of signal tone:	min. 85 dB in 3 m
Optical indication:	Status LED (red/green)
Ambient temperature:	-10°C to + 55°C
Storage temperature:	-35°C to + 60°C
Humidity:	93 %
<b>Wireless</b> Frequency band:	868.0 to 868.6 MHz 868.7 to 869.2 MHz max. 10 mW
Transmission caoacity: Range:	100 m (free field)

Compliant with: EMC standard: 2014/30/EU  
LVD standard: 2014/35/EU  
RoHS3 standard: 2015/863/EU  
EN 301 489-3: V2.1.1  
EN 301 489-1: V2.1.1  
EN 300 220-2: V3.1.1  
EN 62368-1:2014 + A11:2017  
EN 14604:2005/AC:2008  
EN 61000-6-3:2007+ A1(11)+AC(12)  
IEC 62368-1:2014  
RED standard: 2014/53/EU

Dimensions (Ø x D): 125 mm x 38 mm

**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)..

**Disposal**

The Gira wireless smoke alarm device is an electric/electronic device in accordance with the EU Directive 2012/19/EU.

High-quality materials and components were used to develop and manufacture the device. These materials and components can be reused and recycled. Please consult the regulations governing the separate collection of electric/electronic waste applicable to your country. These devices may not be disposed of with household waste. The correct disposal of waste equipment can prevent possible negative effects upon humans and the environment.

**Warranty**

The warranty is provided in accordance with the statutory requirements via the retailer. Please submit or send faulty devices postage paid and with a fault description to your sales representative (retailer / installation company / electronics retailer). This person will forward the devices to the Gira Service Centre.

**Gira**

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