

# Smoke Detector Air

Article No.: 100142

Part No.: 32988

Technical Instruction No.: 54509

This smoke detector with integrated Loxone Air technology ensures greater safety in your home!

- Optical detection principle
- Sound alarm
- Early fire detection
- Operates autonomously
- Works with Loxone Air for integration into a Loxone Smart Home
- Includes long-life battery
- Tested according to EN 14604

## TECHNICAL DATA

Detection principle	Tyndall effect
Alarm display	Optical (Red LED and audible beep > 85 dB (A)/3 m)
Operating voltage	9V DC
Operating temperature	-10°C to +60°C
Humidity	max. 93 % RH +/- 2 % RH
Max. area of monitoring	60 m <sup>2</sup> to 6 m high
Air velocity	Max. 20 m/s
Sensitivity	Typ. 0.15 dB/m
Protection	IP40
Case material/colour	ABS/white
Dimensions (H x D)	56 mm including base x 110mm
Weight	Approx. 0.18 kg

Please note technical specifications may change at any time!

## PRODUCT DETAILS

- 1x Smoke Detector Air
- 1x Tested 9V battery
- 1x Wall plugs + screws for mounting

## ASSEMBLY

1. Choosing location:
  - Mount on the ceiling
  - Mount in the centre of the room for optimum detection ability
  - Minimum distance of 50 cm from walls, lamps and mains cables
  - The following places are not appropriate for mounting:
    - Rooms that typically have high humidity (e.g. kitchen, bathroom, toilets)
    - Near fireplaces or woodburners
    - In rooms that have temperatures lower than -10 °C or higher than +60 °C.
    - Near ventilation shafts
    - In narrow corners
2. Drill holes with a 6 mm drill bit with a hole spacing of 67 mm for the 2 mounting screws (use the lower edge of the detector as a drilling template).
3. Insert the wall plugs into the holes.
4. Secure the base using the supplied screws.
5. Learn in the Smoke Detector Air:
  - 5.1 Insert the battery (with the new firmware the Smoke Detector Air immediately goes into learn mode).
    - 5.1.1 Or press the Air learn button for 5 seconds -> detector will now be in learn mode.
  - 5.2 Start Loxone Config and connect to the Miniserver. Select the Air Base in the Periphery window and then enable the Air monitor. Start search.
  - 5.3 Select the Smoke Detector Air in the search.
  - 5.4 Enter a name.
  - 5.5 Click create device.
  - 5.6 Save the program in the Miniserver.
6. Put the detector on the base and lock by rotating clockwise.
7. Carry out a functionality test.

## FUNCTIONALITY TEST

### Visual inspection:

- Check the flue inlet openings for coarse dirt, and the detector for signs of mechanical damage.

### Functionality test by pressing the test button:

- (Successful functionality test) if you hear a beep - the detector works correctly!
- No beep - the detector is not functional.

## BATTERY REPLACEMENT

- We recommend using a lithium battery.
- Remove the detector by rotating it anti-clockwise from the base.
- Insert the new battery into the battery compartment.
- Put the detector on the base and lock by rotating clockwise.
- Carry out a functionality test.

## SILENCE ALARM

- In case of accidental triggering, the alarm can be silenced by pressing the test button. After 10 minutes the detector will return to normal operation.

## OPERATING AND ALARM SIGNALS

Function / behaviour	Sound signal	Red LED signal
Normal operation	No sound	Flashes every 40 seconds
Alarm status	Loud beep at 0.5 second intervals	2 flashes every second
Fault/pollution	3 short beeps every 40 seconds	LED off
Low battery	One short beep every 40 seconds	Flashes every 40 seconds with beeps
Alarm silenced	No sound	Flashes every 10 seconds
Alarm memory active, i.e. detector has been triggered in the last 24 hours	No sound	Flashes every 43 seconds 3 times
Functionality test	Loud beep	2 flashes every second until test button pressed