



smartwares FSM-127 Smoke Alarm Detector Instruction Manual





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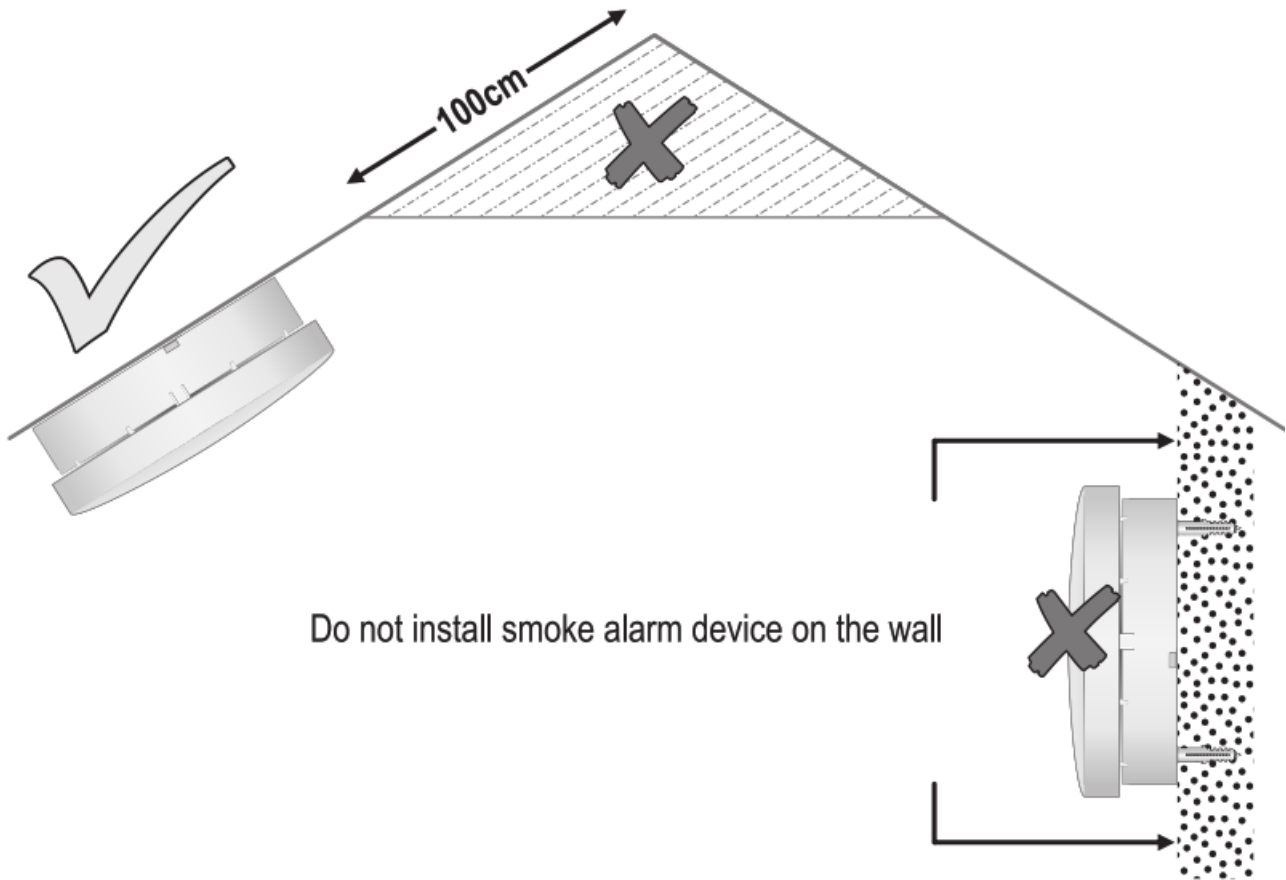


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FSM-127 Smoke Alarm Detector

 <p>1116 FSM-127-001CPR 21 EN14604:2005/AC:2008</p>	
<p>Smoke alarm device / Manual DECLARATION OF PERFORMANCE – DoP www.smartwares.eu/dop and follow the instructions.</p>	<p>INTENDED USE: FIRE SAFETY ESSENTIAL CHARAC – Nominal activation conditions/ Sensitivity, Response delay – Operational reliability – Tolerance to supply voltage – Durability of operational reliability and response delay, – Durability of operational reliability, vibration resistance – Durability of operational reliability, humidity resistance – Durability of operational reliability, corrosion resistance – Durability of operational reliability, electrical stability</p>
	  <p>www.smartwares.eu</p>





GENERAL INFORMATION

Thank you for purchasing this Smartwares smoke alarm device! Please read these instructions carefully before using the smoke alarm device. Retain this information in a safe and easily accessible place for future use and maintenance. If you have any questions or if you are looking for additional information about your smoke alarm device, please visit our website www.smartwares.eu.

- Make/model number: FSM-127
- Description: A smoke alarm device based on the photocell principle, which means that the alarm monitors the air for smoke caused by fire. This apparatus contains a lithium battery with a lifetime of 10 years.
- Function: Smoke alarm device intended to alert the persons present near a fire/fire smoke, to give them time to react properly to the danger
- Scope of application: Smoke alarm device for buildings with residential functions and leisure accommodating vehicles.

IMPORTANT:

- **Caution:** The alarm is designed in order to detect smoke; it cannot prevent a fire!
- **Caution:** Using a smoke alarm is part of your fire protection, just as fire extinguishers, emergency ladders, and ropes, but also your choice in the use of building materials for renovation. Always ensure that there is an evacuation plan and discuss this with your children. Ensure that each room can be left without opening the door, e.g. by the window. If there is any question as to the cause of an alarm, it should be assumed that the alarm is due to an actual fire and the dwelling evacuated immediately.
- **Warning:** Smoke alarm devices must be replaced no later than 10 years after initial activation. Fill out the activation date on the rating label on the product and mark the replacement date in your calendar.

INITIAL ACTIVATION

Before mounting this smoke alarm device, it is important to activate and test the apparatus. Press the test button and hold it for approximately 3 seconds until the LED indicator lights up. Release the test button immediately after this (see image 1). The smoke alarm will generate a beep to indicate that it's activated. Press and hold the test button until an alarm signal sounds and releases. If the alarm signal does not sound after pressing the test button, the smoke alarm device is not working properly and the advice of Smartwares should be sought.

MOUNTING

Loosen the mounting plate on the rear side of the device by turning it anticlockwise (see image 2). Fix the

mounting plate to the ceiling with the help of the enclosed mounting material (see image 3). Pay close attention to the below sitting recommendations to guarantee the optimal performance of your smoke alarm device. After installing the smoke alarm device, always test its functionality by using the test button.

- Before screwing the mounting plate to the wall, remove the safety pin (see images 2 and 4). Assemble the alarm to the mounting plate by inserting the safety pin in the hole between the mounting plate and the alarm (see image 4).

Important:

- **WARNING:** To prevent injury, this apparatus must be securely attached to the ceiling in accordance with the installation instructions.
- Smoke alarm devices should be installed in such a way that they can be reached unimpeded by the fire smoke so that fires can be detected reliably in the development phase.
- Requirements for smoke alarm devices vary from state to state and from region to region. Always check the relevant requirements in your area with your local authorities!

Where to mount a smoke alarm device?

- Centered at the ceiling of the room
- Max height: 6m
- Min 0,5 m distance to walls/ barriers:
- Small rooms with width <1m: Centered at the ceiling
- Corridors with max width 3m: max 15m distance between 2 smoke alarm devices. Max. 7.5m to the front side and smoke alarm devices at the edges/ crossings of corridors.
- Galleries: If the length and width of the gallery are >2m and the gallery area is >16m², an additional smoke alarm device is required below the gallery
- In roof slopes: If >20°, minimal 0,5m and maximal 1m to rooftop. If ≤20°, consider a flat ceiling. In partial roof slopes: if a flat ceiling is ≤1m in width, consider a roof slope. If a flat ceiling is >1m wide, consider a flat ceiling.
- Ceiling joists (or similar): If height ≤0,2m, installed at the ceiling or on the joist. If height > 0,2m and separated area > 36m² => additional smoke alarm devices in between.

Where not to mount your smoke alarm device?

- Close to air conditioning/ventilation systems;
- Locations where the ventilation can be impeded items such as curtains etc.;
- In rooms where temperature can reach below 0°C and above 40°C.
- In damp spaces/kitchens/bathrooms, steam can cause false alarms. Please visit our website for alarms that are suitable for usage in these rooms;
- Closer than 50 cm to light sources/electrical sources;
- Locations that are difficult to reach and impede the accessibility of the test button, battery replacement, and maintenance.

ALARM SILENCE / HUSH MODE

When the smoke alarm device gives an alarm, please verify the cause of the alarm first. If required, the smoke alarm can be placed into hush mode for about 10 minutes by pressing the test button.

After that, the smoke alarm automatically resets and returns to the normal operation mode. During hush mode, the LED will flash every 8 seconds to indicate the smoke alarm is in hush mode. If the cause of the alarm is still present the smoke alarm device will give an alarm again. If during hush mode the smoke that caused the alarm increases, the smoke alarm device will also sound the alarm.

Note: Dense smoke will override the hush mode and sound a continuous alarm.

Caution: Before using the alarm silence (hush mode), identify the source of the smoke and make sure the situation is safe.

EMPTY BATTERY SIGNAL

When the battery is running low, the smoke alarm will indicate this with a repetitive beep and flash. This indicator sounds continually with intervals of 40 seconds for at least 30 days.

This smoke alarm is equipped with a non-replaceable battery. When this warning occurs, replace the device as soon as possible. We highly recommend you to replace the smoke alarm on a fixed date, to ensure timely replacement. Please register for free reminders at the smart reminder. EU.

The acoustic low battery warning signal can be silenced for 10 hours by pressing the test button. The smoke alarm is still functioning and able to detect smoke when it is in this mode.

MAINTENANCE

Testing: We highly recommend you test the functionality of your smoke alarm device every month to check if the smoke alarm is functioning correctly and to ensure the full lifetime of the battery. Press and hold the test button until the user-friendly short alarm signal sounds. The signal stops once the button is released. If the alarm signal does not sound after pressing the test button, the smoke alarm device is not working properly and the advice of Smartwares should be sought.

Warning: Do not use an open flame to test your smoke alarm device, this could damage the apparatus or ignite combustible materials and start a fire.

Cleaning: For optimal performance, the smoke alarm device must be dusted once a month and vacuumed every six months. Do not touch the inside of the smoke alarm device with the nozzle of the vacuum cleaner. Always test the functionality of the apparatus after cleaning by pressing the test button. Please register for free reminders at the smart reminder.EU

TROUBLESHOOTING

- False alarms may be caused by: welding and cutting operations, soldering and other hot work, sawing and grinding, dust due to construction work or cleaning, water vapor, cooking fumes, extreme electromagnetic effects, and temperature fluctuations, which lead to condensation of the humidity in the smoke alarm.
- Dust is the most common cause of false alarms/failing alarms, therefore always clean the smoke alarm as described in the paragraph 'maintenance' if you experience any issues. If this does not solve the problem, the advice of Smartwares should be sought.
- **Smartwares** can never be made liable for loss and/or damage of whatever nature, including incidental and/or consequential loss, arising from the fact that the signal from the smoke alarm did not sound during smoke or fire. Smartwares can never be made liable for loss and/or damage of whatever nature, including incidental and/or consequential loss, arising from the fact that the signal from the smoke alarm did not sound during smoke or fire.

TECHNICAL DATA

- Smoke sensor: Optical


- Battery type: 3V DC Lithium
- Battery replaceable: No
- Battery lifetime: 10 years
- Lifetime device: 10 years
- Operating temperature: 0° – 40 °C
- Operating humidity: ≤93%
- Alarm volume: >85dB (A) at 3m
- Mounting type: Ceiling
- Detection area: Max 40m²
- Hush function: Yes
- Installation in camping car: Yes

For indoor use only.

Please read the manual before use, and store it carefully for future use and maintenance.

Condition	LED	Sound
Normal operation	Red LED flashes every 40 seconds	None
Testing	Red LED flashes rapidly	Quick beeps
Alarm	Red LED flashes rapidly	Quick beeps
Hush mode	Red LED flashes every 8 seconds	None
Low battery indication	Red LED flashes 1 x per 40 seconds (simultaneous with a beep)	1 short beep (simultaneous with flash)
Malfunction	Red LED flashes 1 x per 40 seconds	1 short beep per 40 seconds (16 seconds after the Red LED flashes)
Low battery silence	Red LED flashes every 8 seconds	None

Documents / Resources

	smartwares FSM-127 Smoke Alarm Detector [pdf] Instruction Manual FSM-127, Smoke Alarm Detector, Alarm Detector, Smoke Detector, Detector, FSM-127
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References

- [Diese Domain wird zum Verkauf angeboten](#)
- [Receive a Smartreminder for free | Test, clean & replace your smoke detectors | Smartwares](#)
- [Smartwares - Alles voor een veilig en een comfortabel huis!](#)