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› CPVAN FSI-3001 Networked Smoke Detector Instruction Manual

CPVAN FSI-3001

CPVAN FSI-3001 Networked Smoke Detector Instruction Manual

Model: **FSI-3001** | Brand: **CPVAN**

1. INTRODUCTION

The CPVAN FSI-3001 is a networked photoelectric smoke detector designed to provide early warning of fire. This device features a 10-year sealed lithium battery, eliminating the need for frequent battery changes. It is pre-linked for wireless intercommunication, allowing up to 30 detectors to form a synchronized alarm system. Certified to European Standard EN14604, it emits an 85 dB alarm and includes a low-flashing LED for minimal disturbance during standby.

This manual provides essential information for the proper installation, operation, and maintenance of your CPVAN FSI-3001 smoke detector to ensure optimal performance and safety.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 6 x Photoelectric Smoke Detectors
- 6 x Magnetic Holders
- 12 x Screws
- 12 x Dowels
- 1 x User Manual

3. SAFETY INFORMATION

Please read and understand all instructions before installing and operating the smoke detector. Failure to follow these instructions may result in improper operation of the device, leading to property damage, injury, or death.

- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the unit from operating correctly.

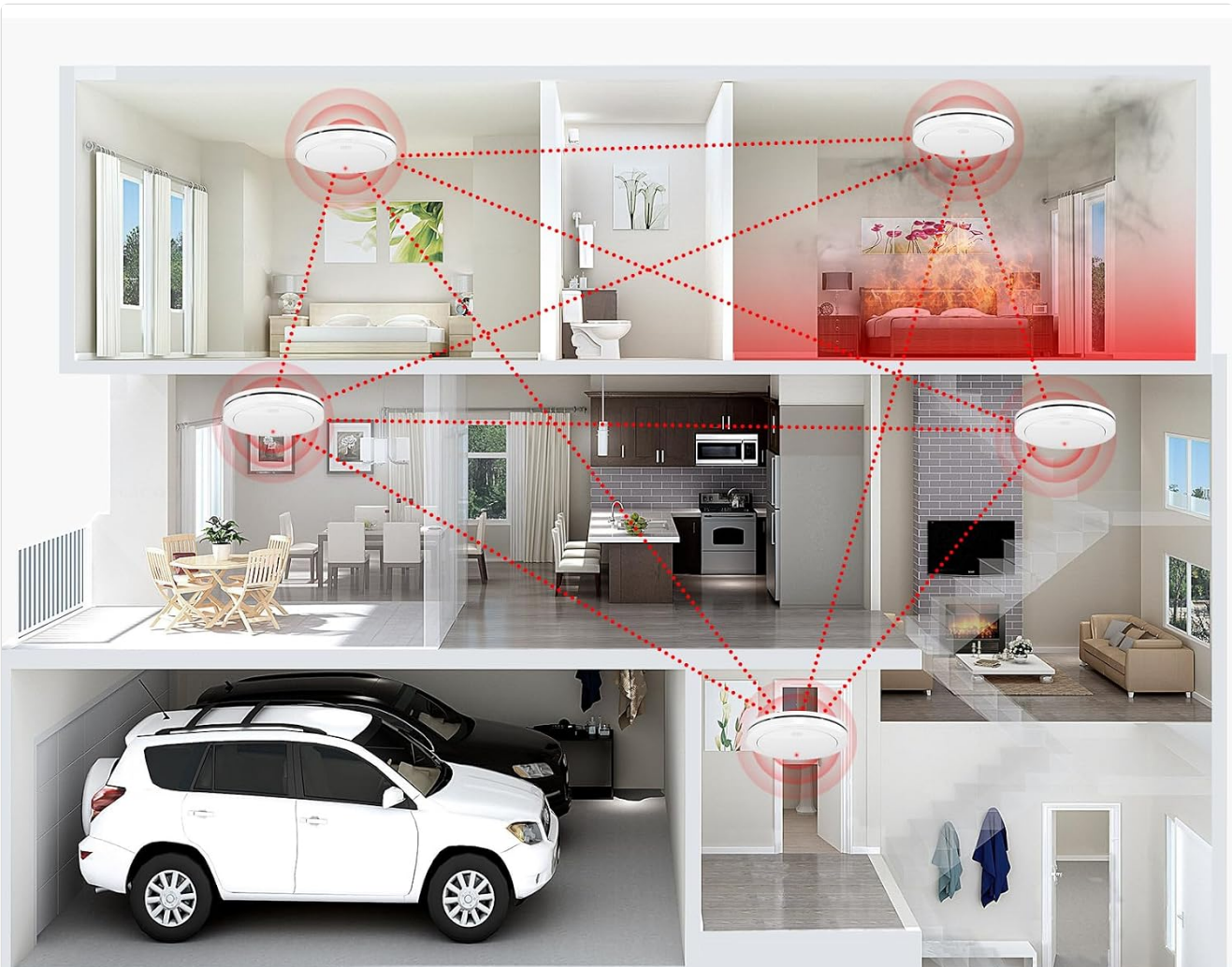
- Do not attempt to open or repair the smoke detector. There are no user-serviceable parts inside.
- Test the smoke detector weekly to ensure proper function.
- This smoke detector is designed for indoor use only.
- The battery is sealed and non-replaceable. Do not attempt to replace the battery.
- Ensure the detector is installed in accordance with local building codes and regulations.

4. SETUP AND INSTALLATION

The CPVAN FSI-3001 smoke detectors are pre-linked at the factory for immediate use in a networked system. A maximum of 30 wireless smoke detectors can be networked together. The transmission distance is over 300m outdoors.

4.1 Recommended Installation Locations

Install smoke detectors in all sleeping areas and on every level of your home, including the basement. For best protection, install a smoke detector in every room (except the kitchen and bathroom, where steam and cooking fumes can cause false alarms).



Rauchmelder Vernetzter

Wenn ein Rauchmelder auslöst, werden alle anderen alarmiert

Image: Example of networked smoke detector placement in a home. When one detector senses smoke, all linked detectors will alarm.



30 Rauchmelder Erweiterbar

Verknüpft bis zu 30 Rauchmelder zum Schutz der gesamten Familie

Image: Illustration of up to 30 smoke detectors being linked wirelessly for comprehensive home protection.

4.2 Mounting Options

The smoke detector can be installed using either screws and dowels or the magnetic holder for drill-free installation.

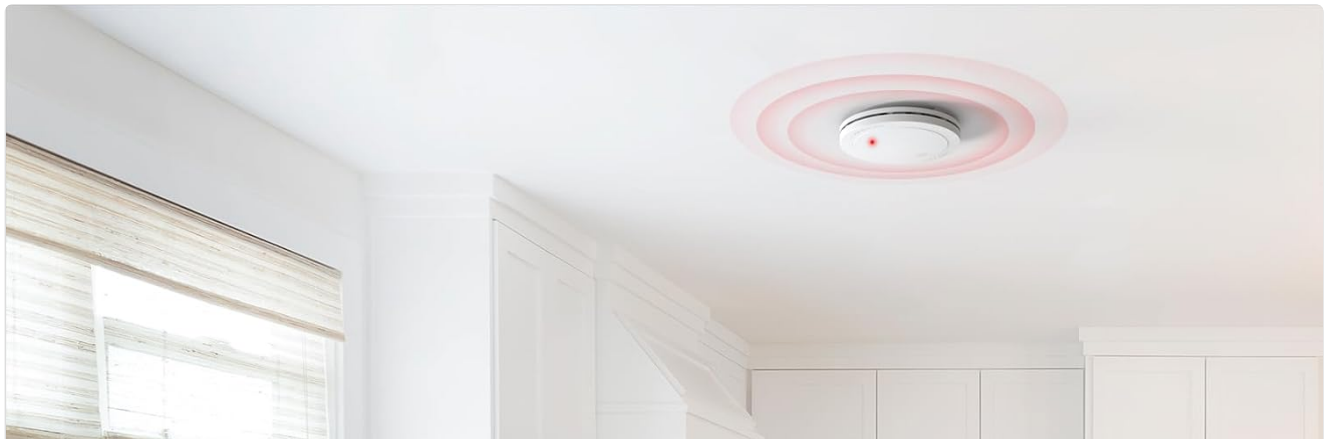
Option 1: Screw Installation

1. Choose a suitable location on the ceiling or wall.
2. Use the mounting bracket as a template to mark two drilling points.
3. Drill holes and insert the provided dowels.
4. Attach the mounting bracket to the ceiling/wall using the screws.
5. Align the smoke detector with the mounting bracket and twist clockwise until it locks into place.

Option 2: Magnetic Holder Installation (No Drilling)

1. Ensure the installation surface is clean, dry, and smooth.
2. Peel off the protective film from one side of the magnetic holder's adhesive.

3. Attach this side firmly to the desired ceiling or wall location.
4. Peel off the protective film from the other side of the magnetic holder's adhesive.
5. Attach this side firmly to the back of the smoke detector.
6. Align the magnetic holder on the detector with the magnetic holder on the ceiling/wall until they connect securely.



1 Bohren Sie Löcher



2 Fix Halterung mit Schrauben



3 Drehen zum Verriegeln



1 ein Magnethalter an der Wand

2 ein weiteres am Rauchmelder

Image: Visual guide for installing the smoke detector using screws or the magnetic holder.

5. OPERATING INSTRUCTIONS

The CPVAN FSI-3001 smoke detector is designed for simple operation once installed.

5.1 Powering On

The device is activated by rotating the back cover to the "ON" position. A short beep and a flash of the LED indicate it is powered on and performing a self-test.

5.2 Normal Operation (Standby Mode)

In standby mode, the LED light flashes very dimly approximately every 600 seconds (10 minutes). This low-flashing

feature is designed to be unobtrusive, especially during sleep, while still indicating that the detector is operational.



Gedämpfte LED für Süßer Schlaf

Extrem schwache LED 300s Blitzintervall stört nicht mehr

Image: The smoke detector features a dim LED flash every 600 seconds during standby to avoid disturbing sleep.

5.3 Alarm Mode

When smoke is detected, the red LED will flash brightly, and the alarm will sound at approximately 85 dB. If multiple detectors are networked, all linked detectors will activate their alarms simultaneously.

5.4 Test/Silence Button

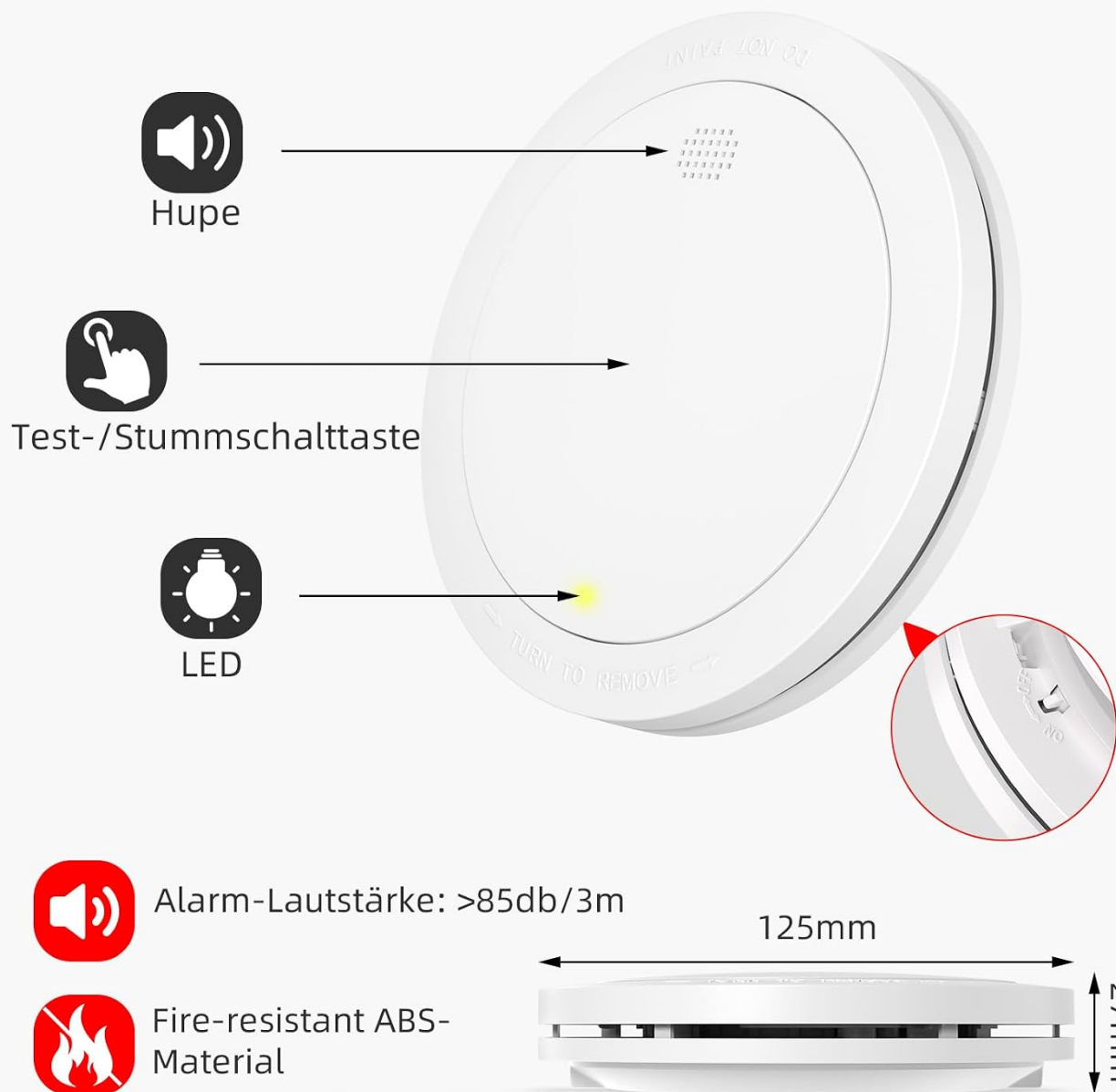


Image: Key components of the smoke detector, including the horn, test/mute button, and LED indicator.

- **Testing:** Press and hold the Test/Silence button for a few seconds. The alarm will sound, and the LED will flash, indicating the unit is functioning correctly. Release the button to stop the test.
- **Silencing:** In case of a false alarm (e.g., from cooking fumes), press the Test/Silence button to temporarily silence the alarm for approximately 10 minutes. The detector will automatically reset after this period if no smoke is present.

6. MAINTENANCE

Regular maintenance ensures the continued reliability of your smoke detector.

- **Weekly Test:** Press the Test/Silence button weekly to confirm the alarm sounds.
- **Cleaning:** Dust can accumulate on the detector, affecting its performance. Gently vacuum the exterior of the smoke detector with a soft brush attachment at least once a month. Do not use water or cleaning solvents.
- **Battery Life:** The smoke detector is equipped with a sealed 10-year lithium battery. The battery is non-replaceable. When the battery is low, the detector will emit a chirp sound and the LED will flash more frequently to indicate it needs replacement. Replace the entire unit after 10 years or when the low battery warning sounds.

Suchergebnisse

Ihre Suche



FINDEN

Ihre Suche nach "CPVAN" fand 2 Ergebnisse.

Zertifikatsinhaber	Zertifikatstyp	Produkttyp / Geltungsbereich	Modellname	Details
SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO., LTD	Normenkonformität	Rauchwarnmelder	CP-SD02 CP-SD02W CP-SD02R4 CP-SD02R8	1111283388
SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO., LTD	TRIC NB Cert.305/2011/EC (sys. 1+, 1)	Alarmanlagen	CP-SD01 house hold Photoelectric Smo...	69267094

Gültiges Zertifikat

Zertifikatsnr. MC 69267094

Zertifikatsinhaber	SHENZHEN CPVAN AUTOMATION TECHNOLOGY CO., LTD Floor 3, Building 9, Nanyu Industrial Park, Langkou Community, Dalang Street, L Shenzhen 518109 Guangdong China
Zertifikatsnummer	MC 69267094
Auftragsnummer	301556565
Zertifiziertes Produkt	Alarmanlagen (Smoke alarm) Produktspezifikation: CP-SD01 house hold Photoelectric Smoke Alarm
Prüfgrundlage(n)	EN 14604/AC:2008

Diese Standards geben den Status zum Zeitpunkt der Erstellung des Zertifikates wieder.

Image: The smoke detector features a 10-year battery for continuous protection.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not sound during test.	Unit not powered on, or battery depleted.	Ensure the back cover is rotated to the "ON" position. If still no response, the unit may need replacement due to battery depletion (after 10 years).
False alarms.	Steam, cooking fumes, dust, or high humidity.	Relocate the detector away from sources of steam or fumes. Clean the detector regularly. Press the Test/Silence button to temporarily silence the alarm.
Chirping sound or frequent LED flashes.	Low battery warning.	The sealed battery is nearing the end of its 10-year life. Replace the entire smoke detector unit.

Problem	Possible Cause	Solution
Networked detectors do not all alarm.	Detectors are out of range or not properly linked.	Ensure all detectors are within the specified transmission range. If issues persist, refer to the pairing instructions (if applicable for re-linking, though factory pre-linked).

8. SPECIFICATIONS

Feature	Detail
Brand	CPVAN
Model Number	FSI-3001
Style	Networked Smoke Detector
Power Source	Battery Powered (3V Lithium, 10-year sealed)
Colour	White
Product Dimensions	12.5D x 12.5W x 2.7H Centimeters
Item Weight	500 Grams (for the set of 6, individual weight not specified)
Alarm Sound Level	85 dB at 3 meters
Operating Humidity	15%-95% RH
Upper Temperature Rating	55 Degrees Celsius
Material	ABS plastic
Certification	EN 14604



10 Jahre Batterie

Ununterbrochener 24/7-Schutz



Image: TÜV Rheinland certification details for CPVAN smoke detectors, confirming compliance with standards.

9. WARRANTY AND SUPPORT

CPVAN products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included in your product packaging or contact CPVAN customer support directly.

If you encounter any issues or have questions regarding your CPVAN FSI-3001 smoke detector, please contact CPVAN customer support through their official website or the contact information provided in your product documentation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0D56XBRM5>

More documents and user manuals: <https://manuals.plus/>