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› Runidur Smoke and Carbon Monoxide Detector User Manual

## Runidur CS12

# Runidur Smoke and Carbon Monoxide Detector User Manual

Model: CS12

## 1. INTRODUCTION

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Thank you for choosing the Runidur CS12 Combination Smoke and Carbon Monoxide Detector. This device is designed to provide reliable and early warning of both smoke and dangerous levels of carbon monoxide (CO) in your home or office. Featuring a 10-year sealed battery and easy installation, the CS12 offers continuous protection and peace of mind. Please read this manual thoroughly before installation and use to ensure proper operation and safety.

## 2. SAFETY INFORMATION

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It is crucial to understand and follow all safety guidelines to prevent injury or damage. This detector is intended for indoor use only. Do not paint the detector, as this may interfere with its sensors. Do not block the alarm's openings. Regular testing is essential to ensure the device is functioning correctly.

- **Important:** This device is not designed to detect natural gas (methane), propane, butane, or other combustible fuels.
- **Alarm Sound:** The alarm is loud (over 85dB at 3 meters) to alert occupants. Prolonged exposure to the alarm sound at close range may be harmful to hearing.
- **Battery:** The built-in lithium battery is designed for 10 years of continuous operation and is not replaceable. Do not attempt to open the unit or replace the battery.
- **Placement:** Install detectors in accordance with local building codes and regulations. Avoid placing detectors near sources of combustion, high humidity, or excessive dust.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Runidur CS12 Combination Smoke and Carbon Monoxide Detector(s)
- Mounting Bracket(s)
- Screws and Wall Anchors

- User Manual (this document)



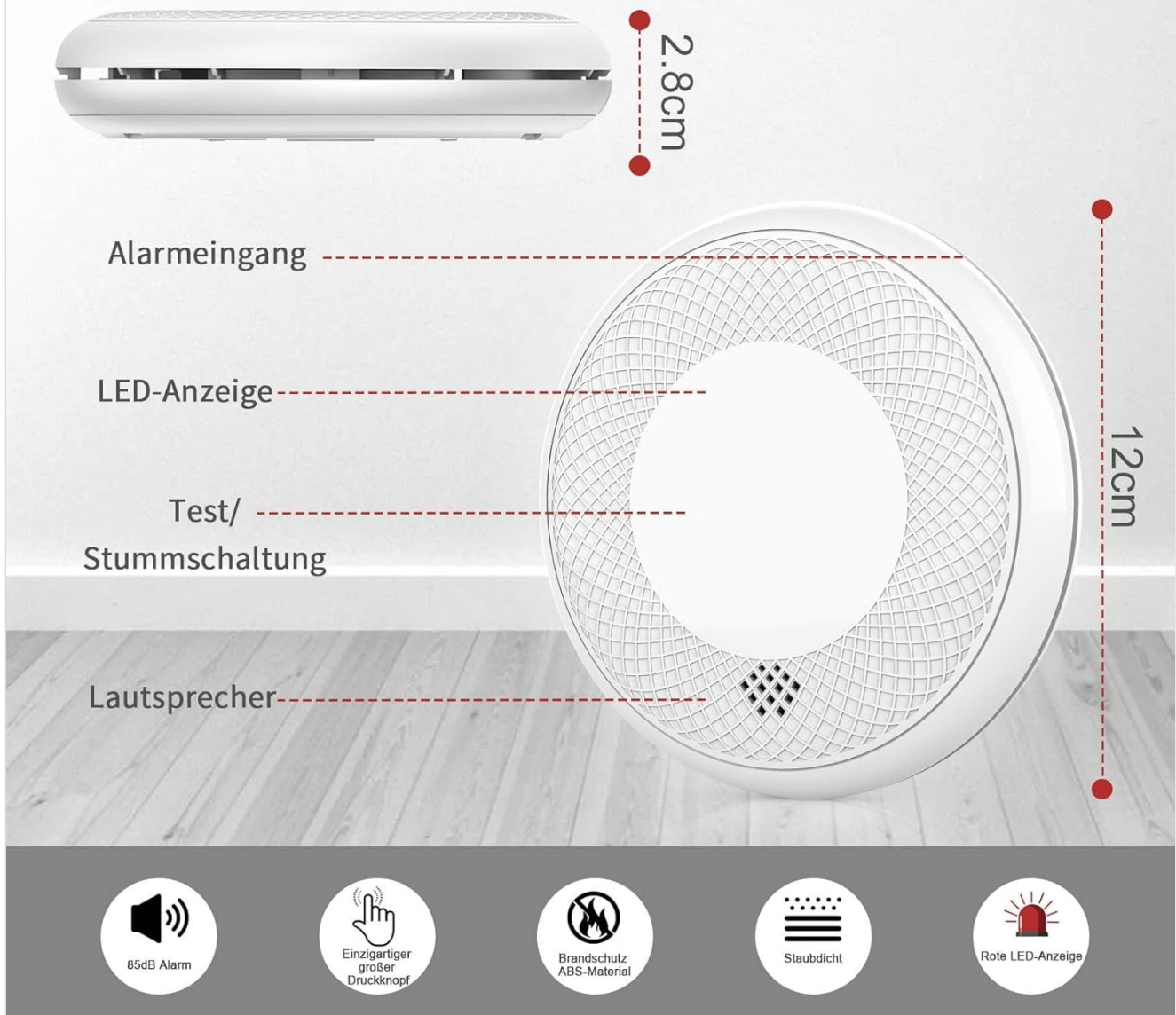
This image displays a pack of six Runidur CS12 combination smoke and carbon monoxide detectors. Each detector features a clean, white, circular design with a textured grille pattern, indicating its modern and discreet appearance suitable for various home environments.

## 4. PRODUCT OVERVIEW

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The Runidur CS12 detector is designed for optimal performance and ease of use. Its compact and flat design allows it to blend seamlessly into any room.

## Perfekte Details



A detailed diagram of the Runidur CS12 detector, labeled 'Perfect Details', illustrates its key components and dimensions. It points out the alarm input, LED indicator, test/mute button, and loudspeaker. Dimensions of 2.8cm thickness and 12cm diameter are clearly marked, along with icons for 85dB alarm, unique test button, fire protection ABS material, dustproof, and red LED indicator.

### Key Features:

- **Dual Protection:** Equipped with a photoelectric smoke sensor and an electrochemical CO sensor for comprehensive safety.
- **10-Year Battery Life:** Built-in 3V CR123A lithium battery provides long-lasting, maintenance-free power.
- **Loud Alarm:** Emits an 85dB alarm at 3 meters to ensure clear audibility.
- **Test/Silence Button:** Allows for easy testing of the alarm and temporary silencing during non-emergency situations.
- **Flat Design:** Slim and discreet profile (2.8cm thick, 12cm diameter) integrates well into any decor.
- **Durable Construction:** Made from flame-retardant ABS material for robustness and longevity.

# Kohlenmonoxid und Rauchmelder in Einem



Platz sparen

Umfassenden sicherheitsschutz bieten

Geräteanzahl und Komplexität reduzieren

This visual demonstrates the dual functionality of the Runidur CS12 detector, mounted on a ceiling. Smoke is shown rising, accompanied by floating 'CO' bubbles, symbolizing its ability to detect both smoke and carbon monoxide. Text overlays emphasize 'Carbon Monoxide and Smoke Detector in One', highlighting its space-saving and comprehensive safety benefits.

# Leistungsstarke Lithium-Ionen

Batterie mit über zehn Jahren Laufzeit



An exploded view of the Runidur CS12 detector reveals its internal components, specifically highlighting the powerful CR123A lithium battery. The image emphasizes the battery's 1600mAh capacity and 3V DC power, along with text stating 'Powerful Lithium-Ion' and 'Battery with over ten years runtime', underscoring its long-lasting and energy-efficient design.

# Flach Design Rauch und CO Melder



This image visually compares the slim profile of the Runidur CS12 detector, held in a hand, against a bulkier, more traditional smoke detector. The 'Flat Design Smoke and CO Detector' text reinforces the product's discreet and aesthetically pleasing form factor, designed to blend seamlessly into modern interiors.

## 5. INSTALLATION

The Runidur CS12 detector is designed for easy installation on ceilings or walls. Follow these steps for optimal placement and secure mounting:

1. **Choose Location:** Select a central location on the ceiling or wall, away from corners, vents, and direct sunlight. For smoke detection, place in hallways, bedrooms, and living areas. For CO detection, place near sleeping areas and on every level of the home. Avoid kitchens and bathrooms due to steam and cooking fumes.
2. **Prepare Mounting Surface:** Ensure the surface is clean and dry.
3. **Mark Holes:** Remove the mounting bracket from the detector by twisting it counter-clockwise. Place the bracket on the chosen location and mark the two screw hole positions with a pencil.
4. **Drill Holes:** Using a 5mm drill bit, drill holes at the marked positions. Insert the provided wall anchors into the

drilled holes.

5. **Attach Bracket:** Secure the mounting bracket to the ceiling or wall using the provided screws.
6. **Mount Detector:** Align the detector with the mounting bracket's three twist locks. Push the detector onto the bracket and twist it clockwise by approximately 5 degrees until it clicks securely into place.
7. **Test Alarm:** After installation, press and hold the Test/Silence button for a few seconds until the alarm sounds. This confirms the unit is functioning correctly.



This four-panel image provides a clear, step-by-step guide for installing the Runidur CS12 detector. It shows: 1) Removing the bracket and marking screw holes, 2) Drilling holes with a 5mm drill and inserting anchors, 3) Attaching the bracket to the wall or ceiling, and 4) Aligning the three twist locks and rotating them counter-clockwise by about 5 degrees to secure the detector. This illustrates the 'Easy Installation' feature.



This image showcases the flexible placement options for the Runidur CS12 detector in different home settings, including a bedroom, living room, and hallway. It highlights 'Easy Installation, flexible placement', 'Extended alarm coverage for double protection', 'All-round monitoring without blind spots', and 'Ensure safety in the bedroom', demonstrating its versatility and comprehensive coverage.

## 6. OPERATION

### Initial Activation:

The detector activates automatically once mounted onto its bracket. A short beep and LED flash will indicate it is powered on and performing a self-test.

### Testing the Alarm:

Regularly test your detector to ensure it is working correctly. Press and hold the large central button (Test/Silence button) for at least 3 seconds. The alarm will sound, and the LED indicator will flash. Release the button to stop the test. Test your detector weekly.

### Silencing the Alarm:

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 the smoke/CO concentration has cleared. If the alarm continues to sound after silencing, it indicates that smoke or CO is still present, and you should take appropriate action.

## Alarm Indications:

- **Smoke Alarm:** Loud, continuous beeping with rapid red LED flashes.
- **Carbon Monoxide Alarm:** Four quick beeps, pause, then repeat, with red LED flashes.
- **Low Battery Warning:** A short chirp every 60 seconds, accompanied by a yellow LED flash. This indicates the end of the detector's lifespan.
- **Malfunction Warning:** Two short chirps every 60 seconds, accompanied by a yellow LED flash. This indicates a fault with the unit.

## 7. MAINTENANCE

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Your Runidur CS12 detector requires minimal maintenance to ensure its longevity and proper function.

- **Cleaning:** Dust and debris can affect the detector's performance. Gently vacuum the detector's vents and cover with a soft brush attachment at least once a month. Do not use cleaning solvents or detergents.
- **Do Not Paint:** Never paint the detector. Paint can clog the sensing chambers and prevent the unit from operating correctly.
- **Battery:** The battery is sealed for 10 years and does not require replacement. When the low battery warning sounds, the unit has reached the end of its operational life and must be replaced.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Alarm sounds intermittently or chirps every 60 seconds.	Low battery warning (end of life).	Replace the entire detector unit. The battery is not replaceable.
Alarm sounds frequently without apparent smoke/CO.	Dust, steam, or cooking fumes.	Clean the detector. Relocate if frequently triggered by non-hazardous sources. Ensure proper ventilation during cooking.
Alarm does not sound during test.	Unit not properly activated or malfunction.	Ensure the detector is securely twisted onto its mounting bracket. If still unresponsive, the unit may be faulty and needs replacement.
Two chirps every 60 seconds.	Malfunction warning.	The detector has an internal fault. Replace the unit immediately.

## 9. SPECIFICATIONS

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Feature	Specification
Model Number	CS12
Detection Type	Photoelectric Smoke & Electrochemical CO
Power Source	Built-in 3V CR123A Lithium Battery (non-replaceable)
Battery Life	Up to 10 years
Alarm Loudness	≥ 85dB at 3 meters
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	≤ 95% RH (non-condensing)
Dimensions	120mm (Diameter) x 28mm (Thickness)
Material	ABS (Flame-retardant)
Installation Method	Screw mounting
Weight	Approx. 815g (for 6-pack)

## 10. WARRANTY AND SUPPORT

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Runidur products are manufactured to the highest quality standards. This detector comes with a standard manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty information provided at the time of purchase or contact your retailer for specific details regarding warranty terms and conditions. For technical support or inquiries, please contact Runidur customer service through the contact information provided on the product packaging or the official Runidur website. When contacting support, please have your model number (CS12) and purchase details ready.