

Runidur CS12

Runidur US-CS12 Photoelectric Smoke Detector Instruction Manual

Model: CS12

1. IMPORTANT SAFETY INFORMATION

Please read this instruction manual carefully before installing and operating your Runidur US-CS12 Photoelectric Smoke Detector. Keep this manual for future reference.

- This smoke detector is designed for residential use.
- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the alarm from functioning properly.
- Test the smoke detector regularly, at least once a month, to ensure proper operation.
- Replace the unit after 10 years from the date of manufacture or when the end-of-life signal sounds.
- Never ignore a smoke alarm. Investigate the cause and take appropriate action immediately.

2. PRODUCT FEATURES

- **Photoelectric Technology:** Detects smoke particles effectively, reducing false alarms from cooking.
- **10-Year Sealed Battery:** Provides continuous power for a decade, eliminating the need for battery replacement.
- **Test/Hush Button:** Allows for easy testing of the alarm's functionality and silencing nuisance alarms.
- **Compact and Sleek Design:** Blends seamlessly with modern home interiors.
- **Loud 85dB Alarm:** Ensures clear audibility throughout your home in case of an emergency.

Smoke Detector Stylish Design



Image: The Runidur US-CS12 smoke detector featuring a sleek design and illustrating its smoke detection capabilities.

3. SETUP AND INSTALLATION

The Runidur US-CS12 smoke detector offers flexible installation options: screw mounting or adhesive mounting.

3.1 Activating the Device

Before installation, activate the smoke detector by sliding the internal switch to the "ON" position. A small tool (like a paperclip) is provided for this purpose. Once activated, the device will perform a self-test.

Your browser does not support the video tag.

Video: An official demonstration by Runidur-Tech showing the activation and basic test of the smoke detector.

3.2 Mounting Options

The device comes with a mounting bracket and either screws/wall anchors or a double-sided adhesive pad for installation.

Screw Mounting:

1. Remove the mounting bracket from the smoke detector by twisting it counter-clockwise.

2. Mark the drill holes on the ceiling or wall using the bracket as a template.
3. Drill two 5mm holes and insert the provided wall anchors.
4. Attach the mounting bracket to the ceiling/wall using the screws.
5. Align the smoke detector with the bracket and twist clockwise to lock it in place.



Image: Step-by-step visual guide for screw-based installation of the smoke detector.

Adhesive Mounting:

1. Ensure the mounting surface is clean, dry, and smooth.
2. Peel off one side of the double-sided adhesive pad and firmly attach it to the back of the smoke detector's mounting plate.
3. Peel off the other side of the adhesive pad.
4. Press the smoke detector firmly onto the desired ceiling or wall location for at least 30 seconds.

Note: Adhesive mounting is generally recommended for smooth, non-porous surfaces. For textured or uneven surfaces, screw mounting provides a more secure installation.

3.3 Recommended Placement

- Install smoke detectors on every level of your home, including basements.
- Place a smoke detector inside every bedroom and outside each sleeping area.

- For optimal detection, install smoke detectors in the center of the ceiling. If this is not possible, place them at least 10 cm (4 inches) from any wall or corner.
- Avoid placing detectors near windows, doors, or air vents where drafts could interfere with smoke detection.
- Do not install in kitchens, bathrooms, or garages where cooking fumes, steam, or exhaust can cause nuisance alarms.



Image: Examples of ideal smoke detector placement for comprehensive home safety.

4. OPERATING INSTRUCTIONS

4.1 Normal Operation

Once installed and activated, the smoke detector will monitor the air for smoke. A small red LED indicator will flash approximately every 60 seconds to confirm it is functioning correctly.

4.2 Testing the Alarm

Press and hold the large "TEST/HUSH" button on the front of the alarm for a few seconds. The alarm will sound a loud, pulsating tone, and the red LED will flash rapidly. Release the button to stop the test. Test your alarm monthly.

4.3 Silencing Nuisance Alarms (Hush Feature)

If a non-emergency situation (e.g., cooking fumes) triggers the alarm, press the "TEST/HUSH" button. This will temporarily silence the alarm for approximately 10 minutes. The red LED will flash every 10 seconds during the hush period. If smoke is still present after 10 minutes, the alarm will reactivate. If the smoke clears, the alarm will reset to normal operation.

5. MAINTENANCE

- **Monthly Testing:** Press the Test/Hush button monthly to ensure the alarm is working.
- **Cleaning:** Gently vacuum the smoke detector's cover and vents with a soft brush attachment at least once a year to remove dust and debris. Do not use water or cleaning solvents.
- **Battery:** The 10-year sealed lithium battery is designed to last the lifetime of the alarm. It is not replaceable.
- **End-of-Life Signal:** After approximately 10 years, the alarm will emit a short beep every 60 seconds, indicating it's time to replace the unit.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm sounds frequently without apparent smoke.	Nuisance alarm due to cooking fumes, steam, or dust.	Press the Hush button to temporarily silence. Clean the detector. Relocate if frequently triggered by non-hazardous sources.
Alarm chirps every 60 seconds.	Low battery or end-of-life signal.	If the unit is older than 10 years, replace it. If new, ensure it was properly activated.
Alarm does not sound during test.	Device not activated or faulty unit.	Ensure the activation switch is in the "ON" position. If still unresponsive, replace the unit.

7. SPECIFICATIONS

- **Model:** CS12
- **Sensor Type:** Photoelectric
- **Power Source:** 10-Year Sealed Lithium Battery (non-replaceable)
- **Alarm Loudness:** 85 dB at 3 meters
- **Product Dimensions:** 3.15 x 1.25 x 3.2 inches
- **Item Weight:** 14.4 ounces
- **Operating Temperature:** 40°F (4.4°C) to 100°F (37.8°C)
- **Operating Humidity:** 10% to 95% RH (non-condensing)

Perfect details

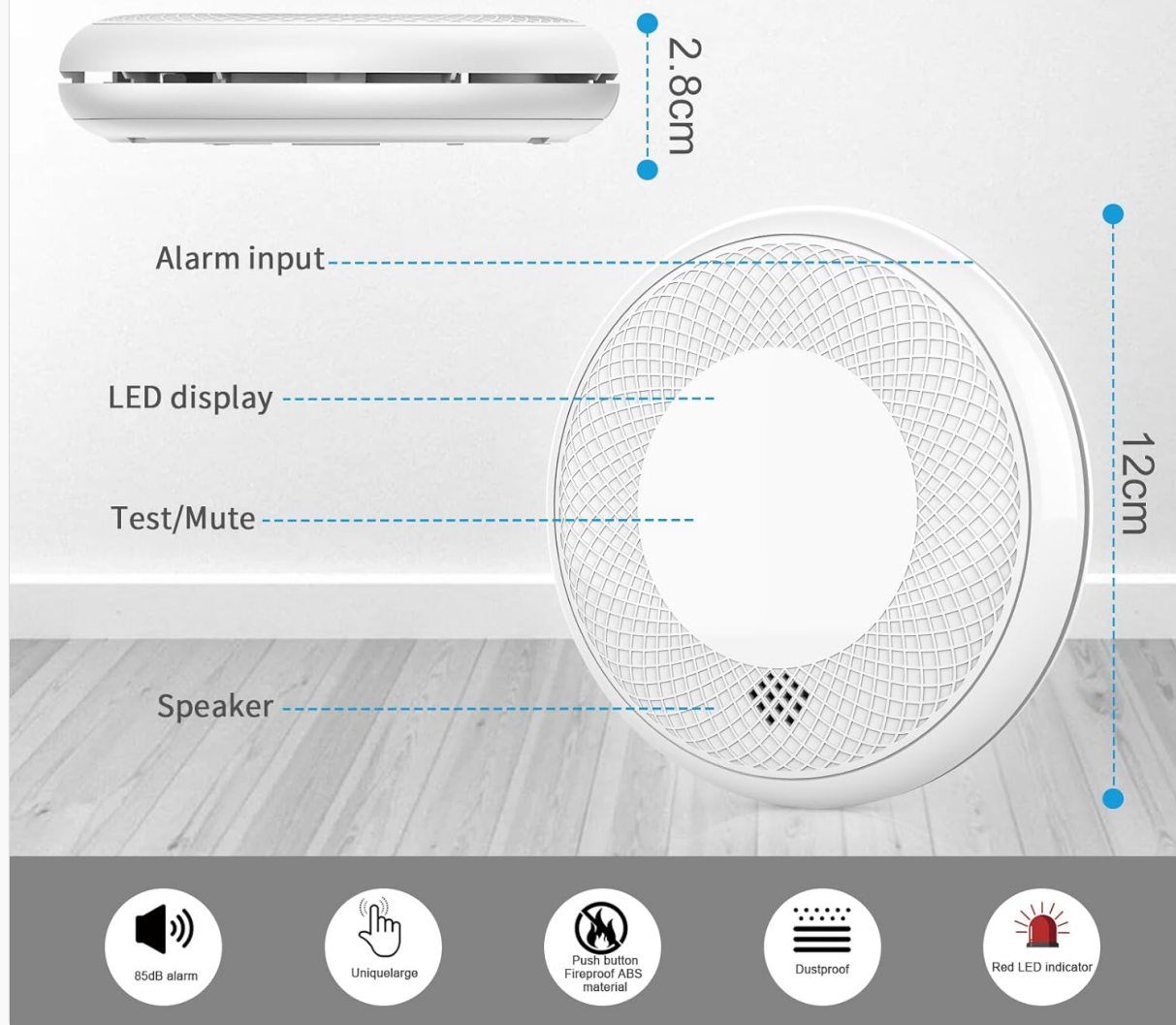


Image: Detailed view of the smoke detector's components and dimensions.

8. WARRANTY AND SUPPORT

Runidur provides a limited warranty for this product. For specific warranty details, please refer to the packaging or contact Runidur customer support. If you experience any issues or have questions regarding your US-CS12 smoke detector, please visit the official Runidur website or contact their customer service team for assistance.

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