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XINDUM CS11W

XINDUM WiFi Smoke and Carbon Monoxide Detector (Model CS11W) User Manual

Model: CS11W | Brand: XINDUM

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your XINDUM WiFi Smoke and Carbon Monoxide Detector, Model CS11W. This device is designed to detect both smoke and carbon monoxide (CO) and alert you through an audible alarm and smartphone notifications via a 2.4 GHz WiFi connection. Please read this manual thoroughly before installation and keep it for future reference.
The detector is CE approved and complies with EN14604 (smoke) and EN50291 (carbon monoxide) standards.

2. Important Safety Information

WARNING: This device is not a substitute for proper fire safety practices or professional carbon monoxide monitoring. It is designed to provide an early warning of smoke and carbon monoxide presence. Always follow local building codes and regulations for detector placement and installation.

- Do not paint the detector.
- Do not block the air vents.
- Do not install in areas with high humidity, extreme temperatures, or excessive dust.
- Test the detector weekly to ensure proper operation.
- The sealed lithium battery is designed for 10 years of operation and is not replaceable. Do not attempt to open the unit or replace the battery.
- In case of an alarm, evacuate the premises immediately and call emergency services.

3. Product Overview

The XINDUM CS11W is a compact, 2-in-1 detector designed for comprehensive home safety. It features a sealed 10-year lithium battery for long-term, maintenance-free power.



Figure 1: XINDUM WiFi Smoke and Carbon Monoxide Detector. This image displays the overall design of the detector, a white circular unit with a perforated surface, shown next to a smartphone displaying smart home app icons.

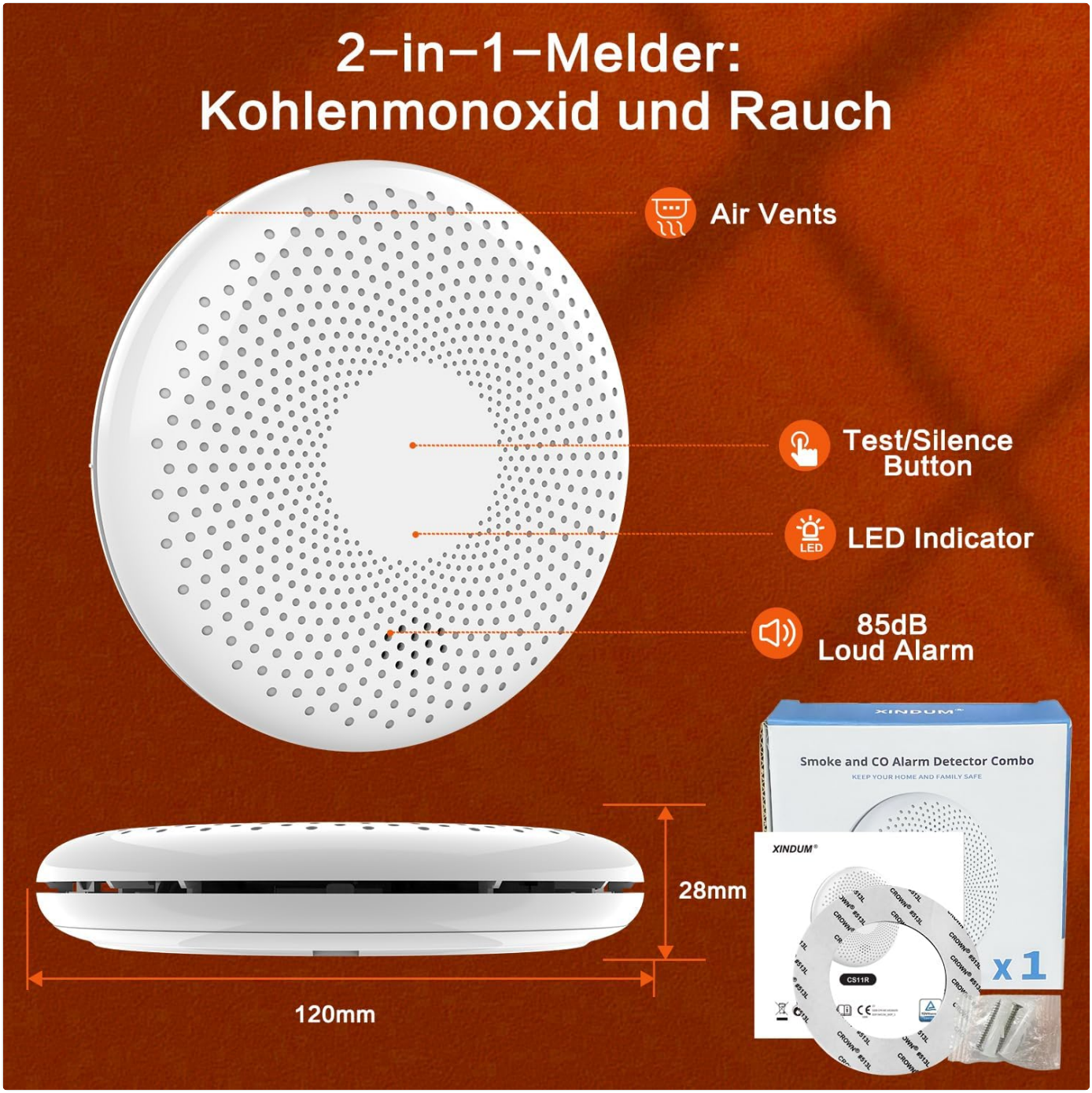


Figure 2: Product Features and Dimensions. This image illustrates the detector's key components, including air vents, the test/silence button, LED indicator, and the 85dB loud alarm. Dimensions are shown as 120mm diameter and 28mm thickness.

Key Features:

- **Dual Detection:** Monitors both smoke and carbon monoxide.
- **WiFi Connectivity:** Connects to Tuya APP via 2.4 GHz WiFi for smartphone notifications.
- **10-Year Battery:** Equipped with a sealed lithium battery for a decade of continuous operation.
- **Loud Alarm:** 85dB audible alarm to alert occupants.
- **Easy Test/Silence:** Large button for convenient testing and silencing of alarms.
- **Compact Design:** Space-saving and aesthetically pleasing.

4. Installation and Setup

4.1 Choosing a Location

Install detectors in all sleeping areas and on every level of your home. For optimal CO detection, place the detector near sleeping areas and living spaces. For smoke detection, avoid placing near cooking appliances or in excessively dusty areas.



Figure 3: Recommended Placement for Smoke and CO Detection. This image shows the detector's function in detecting smoke (Rauch) from a kitchen range and carbon monoxide (CO) from a fireplace, indicating suitable installation areas.

4.2 Physical Installation

1. **Step 1:** Align the lines on the mounting bracket with the detector.
2. **Step 2:** Attach the mounting bracket to the ceiling or wall using the provided screws and anchors. Ensure the bracket is securely fastened.
3. **Step 3:** Twist the detector onto the bracket about 5 degrees to lock it into place.
4. **Step 4:** After successful installation, press the test button. A beep should sound, indicating the detector is active.

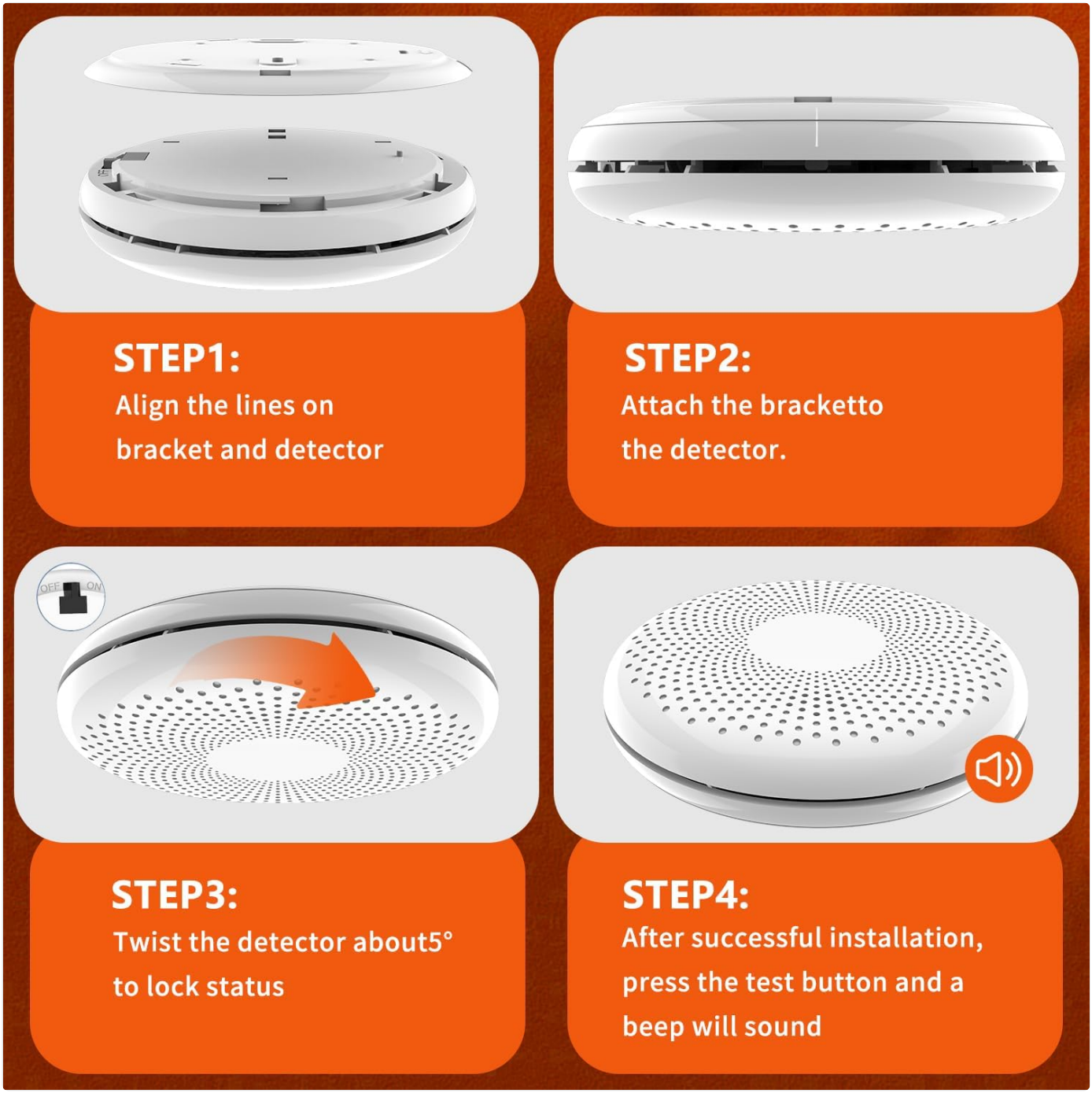


Figure 4: Step-by-Step Installation Guide. This image visually demonstrates the four steps for physically installing the detector: aligning, attaching the bracket, twisting the detector to lock, and testing.

4.3 WiFi Connection and App Setup

The detector connects to your smartphone via the Tuya Smart or Smart Life app (available on iOS and Android). Ensure your WiFi network is 2.4 GHz.

1. Download and install the Tuya Smart or Smart Life app on your smartphone.
2. Register or log in to your account.
3. Follow the in-app instructions to add a new device. The detector will need to be in pairing mode (refer to app instructions for specific pairing steps, usually involving pressing and holding the test button).
4. Ensure the detector is within range of your 2.4 GHz WiFi router for stable connection and notifications.



Figure 5: WiFi Connectivity Diagram. This image illustrates the importance of a strong 2.4 GHz WiFi signal for the detector to connect to the router and send notifications to the smartphone app. It shows both successful and unsuccessful connection scenarios.

5. Operating Instructions

5.1 Testing the Detector

It is recommended to test the detector weekly. Press the large test/silence button on the detector. The alarm will sound briefly, and the LED indicator will flash. This confirms the unit is functioning correctly.

5.2 Silencing an Alarm

In case of a nuisance alarm (e.g., from cooking fumes), you can temporarily silence the alarm by pressing the test/silence button. The detector will enter a temporary silence mode. If the smoke or CO concentration remains high, the alarm will reactivate after a short period.

5.3 Alarm Indications

- **Smoke Alarm:** Loud, continuous beeping with flashing red LED.
- **Carbon Monoxide Alarm:** Series of short beeps with flashing red LED.
- **Low Battery Warning:** A short chirp approximately every 30-60 seconds, accompanied by a flashing yellow LED. This indicates the end of the detector's 10-year lifespan.
- **Fault Indication:** A different pattern of chirps or flashes may indicate a fault. Refer to the app for specific fault codes or contact support.

6. Maintenance

6.1 Cleaning

Dust can interfere with the detector's performance. Gently vacuum the detector's vents and exterior cover monthly using a soft brush attachment. Do not use water, cleaning solvents, or chemicals on the detector.

6.2 Battery Life

The XINDUM CS11W detector is equipped with a sealed lithium battery designed to last for 10 years. The battery is not user-replaceable. When the battery reaches the end of its life, the detector will emit a low battery warning (chirp and yellow LED flash). At this point, the entire unit must be replaced.



Figure 6: 10-Year Sealed Lithium Battery. This image highlights the detector's 10-year lifespan, powered by a sealed lithium battery, emphasizing its long-term, maintenance-free power source.

7. Troubleshooting

- **False Alarms:**
  - **Cause:** Steam from showers, cooking fumes, excessive dust.
  - **Solution:** Relocate the detector away from sources of steam or fumes. Clean the detector regularly. Use the silence button for temporary nuisance alarms.
- **No Alarm During Test:**
  - **Cause:** Detector not properly installed, unit faulty, or end of life.
  - **Solution:** Ensure the detector is securely twisted onto its bracket. If the issue persists, the unit may be faulty and require replacement.

- **Low Battery Chirp:**
  - **Cause:** Detector has reached the end of its 10-year operational life.
  - **Solution:** Replace the entire detector unit.
- **No App Notifications:**
  - **Cause:** WiFi connection issue, app settings, or detector out of range.
  - **Solution:** Ensure the detector is connected to a 2.4 GHz WiFi network. Check app notification settings. Verify the detector is within effective range of your router (refer to Figure 5).

8. Specifications

Feature	Specification
Model Number	CS11W
Detection Type	Smoke and Carbon Monoxide (CO)
Power Source	Sealed 10-year Lithium Battery (non-replaceable)
Connectivity	2.4 GHz WiFi (Tuya App compatible)
Alarm Loudness	85 dB
Product Dimensions	120 x 120 x 28 mm
Weight	136 grams
Certifications	EN14604, EN50291, CE
Color	White

9. Warranty and Support

Specific warranty information for the XINDUM WiFi Smoke and Carbon Monoxide Detector (Model CS11W) is not provided in this manual. For warranty details, technical support, or further assistance, please refer to the product packaging, the manufacturer's official website, or contact your point of purchase.

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