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› Kidde 10SDR 4-Inch Compact AA Battery Powered Smoke Detector Instruction Manual, 9th Edition

Kidde 10SDR

Kidde 10SDR 4-Inch Compact AA Battery Powered Smoke Detector Instruction Manual, 9th Edition

Model: 10SDR | Brand: Kidde

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Kidde 10SDR 4-Inch Compact AA Battery Powered Smoke Detector. Please read this manual thoroughly before installation and retain it for future reference. This device is designed to detect smoke and alert occupants to potential fire hazards.



Image: The Kidde 10SDR Smoke Detector, shown both in its retail packaging and as a standalone unit, highlighting its compact 4-inch design.

2. SETUP AND INSTALLATION

2.1 Unboxing and Initial Preparation

- Carefully remove the smoke detector and all components from the packaging.
- Locate the user guide and review it before beginning the installation process.
- Mark the current date on the alarm's label to track its 10-year lifespan. The replacement date should be 10 years from the installation date.

2.2 Battery Activation

Your Kidde 10SDR smoke detector is powered by two (2) AA alkaline batteries (included). These batteries are designed to last for the entire 10-year lifespan of the alarm, but should be replaced at least once a year or when the low battery

chirp sounds.

- Ensure the battery door is closed.
- Pull out the yellow tab to activate the backup batteries. You should hear a beep to confirm activation. If no beep is heard, remove and reinstall the batteries.



AA BATTERY POWERED

Includes 2 AA replaceable batteries.



Image: The rear view of the Kidde 10SDR smoke detector, showing the battery compartment with two AA batteries installed and a yellow pull tab for activation.

2.3 Mounting Location

For optimal protection, install smoke detectors in every sleeping room and on every level of your home, including the basement. Place the alarm on the ceiling or high on a wall, away from corners and obstructions. Avoid placing within 6 feet of cooking appliances to minimize nuisance alarms.

IT'S THE LAW.

State Smoke Alarm Requirements



■ Smoke Alarm Requirements

Additional Municipality requirements may apply, please check your local laws.

Image: A diagram illustrating recommended placement of various safety devices, including smoke detectors, throughout different rooms and levels of a typical house.

2.4 Mounting the Bracket

- Use the included mounting bracket and hardware (screws and drywall anchors).
- Secure the mounting bracket to the ceiling or wall using the provided screws. Ensure the screws are positioned in the small ends of the keyholes before tightening. Do not overtighten.



SIMPLE INSTALLATION

Easy twist-and-click
mounting bracket.



Image: A man standing on a ladder, installing a Kidde smoke detector onto a ceiling, demonstrating the simple twist-and-click mounting process.

2.5 Attaching the Alarm (Twist & Click)

- Align the smoke detector with the mounting bracket.
- Twist the alarm clockwise onto the bracket until it clicks securely into place. This action will also activate the internal 10-year battery if not already done.

2.6 Installation Video

Your browser does not support the video tag.

Video: An official Kidde installation guide demonstrating the steps to mount and activate the smoke detector, including both hardwired and battery-operated models.

3. OPERATING INSTRUCTIONS

3.1 Normal Operation

During normal operation, the green LED light will blink every 60 seconds to indicate the alarm is functioning correctly. The 10SDR model features enhanced sensing technology to reduce false alarms, particularly those caused by cooking.



REDUCED NUISANCE ALARMS

**Fewer false alarms often
caused by cooking.**

Image: A Kidde smoke detector mounted on a kitchen ceiling, with a toaster in the foreground emitting a small amount of smoke, illustrating the reduced nuisance alarm feature.

3.2 Alarm Condition

When smoke is detected, the alarm will sound three long beeps, repeating, and the red LED light will blink in time with the alarm. The alarm produces a loud 85-decibel sound to ensure occupants are alerted.

LED NOTIFICATIONS

At-a-glance alarm status.



Image: A close-up view of the Kidde smoke detector, showing its red LED indicator illuminated, signifying that smoke has been detected and the alarm is active.

3.3 Test & Hush Button

The large central button on the alarm serves as both a Test and Hush button:

- **Test:** Press and hold the button to test the alarm's functionality. The alarm will sound if working correctly.
- **Hush:** In case of a nuisance alarm (e.g., from cooking), press the button to temporarily silence the alarm for approximately 10 minutes. The alarm will automatically reset after this period.

3.4 Self-Testing Feature

The alarm includes an internal self-testing system that continuously monitors its components to ensure proper operation. This is not a substitute for manual testing. Perform a manual button test once per week to verify alarm operation.



SELF TESTING**

Ensures alarm is operating as expected.



***Self-testing is not a substitute for a manual push test of the alarm. Perform a button test once per week to verify proper alarm operation.*

Image: A family relaxing in a living room, with a Kidde smoke detector visible on the ceiling, emphasizing the peace of mind provided by its self-testing feature.

3.5 Product Overview Video

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Video: A brief official Kidde video showcasing the compact design and key features of the Kidde 4-Inch Compact AA Battery Powered Smoke Detector.

4. MAINTENANCE

4.1 Weekly Testing

It is recommended to test your smoke alarm weekly by pressing the Test/Hush button. This verifies the alarm's electronic

circuitry, horn, and battery are functioning.

4.2 Battery Replacement

The included AA batteries should be replaced at least once a year. The alarm will chirp once every 60 seconds when the batteries are low. Replace both AA batteries with new AA alkaline batteries immediately upon hearing this chirp.

4.3 Cleaning Your Alarm

Clean your smoke alarm at least once a month to remove dust and debris. Use a soft brush or a vacuum cleaner with a soft brush attachment to clean the vents. Do not paint the alarm.

4.4 Dust Cover for Renovations

If performing construction, renovations, or painting, use the proprietary dust cover (if included) to protect the alarm from dust and debris. Ensure the dust cover is removed at least 24 hours after construction is complete, as the alarm will not operate with the cover installed.

DUST COVER INCLUDED

Keeps dust out during construction, renovations or painting.



Image: A hand holding a Kidde smoke detector with a red dust cover attached, indicating its use during construction or

painting to prevent false alarms.

5. TROUBLESHOOTING

- **Alarm Chirps Every 60 Seconds:** Indicates low battery. Replace both AA batteries immediately.
- **Alarm Sounds Continuously Without Smoke:** This could be a nuisance alarm. Press the Test/Hush button to silence it temporarily. If it persists, clean the alarm as per maintenance instructions.
- **Alarm Does Not Sound During Test:** Ensure batteries are correctly installed and activated. If the issue persists, the alarm may need replacement.
- **End-of-Life Notification:** The alarm will beep to remind you it's time to replace it at the end of its 10-year lifespan. Refer to the installation date marked on the alarm.

For further troubleshooting, consult the full user guide or contact Kidde customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	Kidde
Model Number	10SDR
Power Source	2 AA Alkaline Batteries (Included)
Alarm Type	Photoelectric Smoke Detector
Product Dimensions	1.88"D x 4"W x 4"H
Item Weight	6.2 ounces (0.39 Pounds)
Alarm Loudness	85-decibel
Operating Humidity	Up to 95% relative humidity (RH), non-condensing
Upper Temperature Rating	100 Degrees Fahrenheit
Certifications	UL 217 9th Edition, FCC standards
Lifespan	10 Years

7. WARRANTY AND SUPPORT

7.1 Limited Warranty

The Kidde 10SDR Smoke Detector comes with a 10-year limited warranty. The warranty period begins when the alarm is

powered on. If the power-on date is unknown, it is assumed that alarms should be replaced after 10 years from the manufacturing date or as indicated by the end-of-life notification.

7.2 Customer Support

For technical assistance, warranty claims, or additional information, please contact Kidde customer support:

- **Address:** 1016 Corporate Park Drive, Mebane, NC 27302
- **Phone:** 1-800-880-6788

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