

Kidde KID29-FR

Kidde KID29-FR Smoke Detector User Manual

Model: **KID29-FR** | Brand: **Kidde**

1. INTRODUCTION

Thank you for choosing the Kidde KID29-FR Smoke Detector. This manual provides essential information for the proper installation, operation, and maintenance of your smoke alarm. Please read it thoroughly before installation and keep it for future reference.

The Kidde KID29-FR is a standard model photoelectric smoke detector designed to provide early warning of fire. It features an integrated 85-decibel siren, a test button, and operates on a 9-volt alkaline battery. This device is certified to EN14604, CE, and NF standards, ensuring reliable performance and safety.

2. SAFETY INFORMATION

Important Safety Instructions:

- This smoke detector is designed for residential use only.
- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the unit from operating correctly.
- Test the smoke detector weekly to ensure proper operation.
- Never ignore a smoke alarm. Investigate the cause and take appropriate action.
- Replace the battery immediately when the low battery warning sounds.
- The detector has a limited lifespan. Replace the unit after 10 years from the manufacturing date.

3. PACKAGE CONTENTS

Your Kidde KID29-FR Smoke Detector package should contain the following items:

- 1 x Kidde KID29-FR Smoke Detector unit
- 1 x 9V Alkaline Battery
- Mounting bracket and screws (typically included)
- User Manual (this document)

La protection incendie simple et efficace pour votre habitation



0333-CPD-292015

EN 14604



DAAF



Détecteur de fumée

29-FR

✓ Autonomie pile 1 an

Prêt à installer – Signal sonore fin de vie de la pile – Bouton test



DURACELL
ULTRA

Figure 1: This image displays the Kidde KID29-FR Smoke Detector as it appears in its retail packaging. The packaging highlights key features such as 'Détecteur de fumée' (Smoke Detector), '29-FR', 'Autonomie pile 1 an' (1-year battery life), 'Signal sonore fin de vie de la pile' (low battery warning sound), and 'Bouton test' (test button). Certifications like CE and NF are also visible, along with a 5-year warranty badge. A 9V Duracell Ultra battery is shown alongside the detector.

4. SETUP AND INSTALLATION

4.1 Choosing a Location

Proper placement is crucial for effective smoke detection. Consider the following guidelines:

- Install at least one smoke detector on every level of your home, including basements and attics.
- Place detectors inside and outside sleeping areas.
- For optimal detection, install the detector in the center of the ceiling. If ceiling mounting is not possible, mount it on a wall, at least 10-15 cm (4-6 inches) from the ceiling.
- **Avoid these locations:** kitchens (cooking fumes can cause false alarms), bathrooms (steam), garages (vehicle exhaust), near heating vents, air conditioners, or ceiling fans (air currents can prevent smoke from reaching the detector), and in extremely dusty, dirty, or insect-infested areas.

4.2 Mounting the Detector

1. Twist the mounting bracket counter-clockwise to separate it from the detector unit.
2. Hold the mounting bracket against the ceiling or wall at your chosen location and mark the screw holes.
3. Drill pilot holes (if necessary) and secure the mounting bracket with the provided screws.
4. Install the 9V battery as described in section 4.3.
5. Align the detector unit with the mounting bracket and twist clockwise until it locks securely into place.
6. Test the detector immediately after installation (refer to section 5.2).



Figure 2: This image shows the Kidde KID29-FR Smoke Detector removed from its packaging. It is a white, circular device designed for ceiling or wall mounting. The front features a central test/hush button, a small red LED indicator, and three

alarm vents on the side. Text around the edge includes 'NE PAS PEINDRE' (DO NOT PAINT) and other warnings, indicating areas that should not be obstructed.

4.3 Battery Installation

The Kidde KID29-FR requires one 9V alkaline battery (included). The battery provides power for approximately one year under normal operating conditions.

1. Open the battery compartment on the back of the detector.
2. Connect the 9V battery to the battery clip, ensuring correct polarity (+ to + and - to -).
3. Place the battery into the compartment and close the cover securely.
4. Once the battery is installed, the detector will emit a short chirp and the LED will flash, indicating it is powered on.

5. OPERATION

5.1 Initial Power-Up

After installing the battery and mounting the detector, it will perform a brief self-test. The red LED indicator will flash, and a short chirp may be heard. This indicates the unit is functioning correctly and is in standby mode, ready to detect smoke.

5.2 Test Button

The test button is used to verify the detector's electronic circuitry, horn, and battery are working. It is recommended to test your smoke detector weekly.

- Press and hold the test button firmly for a few seconds.
- The alarm will sound a loud, pulsating siren.
- Release the button. The alarm will stop.
- If the alarm does not sound, refer to the Troubleshooting section.

5.3 Alarm Indication

When smoke is detected, the detector will emit a loud, continuous 85-decibel siren. The red LED indicator will also flash rapidly. This alarm will continue until the air is clear of smoke.

5.4 Low Battery Warning

When the 9V battery is nearing the end of its life, the detector will emit a short, intermittent chirp approximately every 30-60 seconds. This is a warning that the battery needs to be replaced immediately. The battery typically lasts for one year.

6. MAINTENANCE

6.1 Cleaning Your Detector

Dust and debris can accumulate in the sensing chamber, potentially causing false alarms or preventing the detector from functioning correctly. Clean your smoke detector at least once a month.

- Gently vacuum the exterior of the detector using a soft brush attachment.
- Wipe the surface with a slightly damp, soft cloth. Do not use cleaning sprays or solvents.
- Ensure no moisture enters the unit.

6.2 Battery Replacement

Replace the 9V battery annually, or immediately when the low battery warning chirp begins.

1. Twist the detector counter-clockwise to remove it from the mounting bracket.
2. Open the battery compartment.
3. Disconnect the old 9V battery from the clip and dispose of it properly.
4. Connect a new 9V alkaline battery to the clip, observing polarity.
5. Close the battery compartment and re-attach the detector to the mounting bracket by twisting clockwise.
6. Test the detector after replacing the battery.

6.3 End of Life

Smoke detectors have a limited operational lifespan. The Kidde KID29-FR is designed for reliable performance for approximately 10 years from the manufacturing date. After this period, the detector should be replaced with a new unit to ensure continued protection.

7. TROUBLESHOOTING

If your smoke detector is not operating as expected, consult the table below for common issues and solutions.

Problem	Possible Cause	Solution
Detector chirps intermittently (every 30-60 seconds)	Low battery	Replace the 9V alkaline battery immediately.
Alarm sounds without apparent smoke (false alarm)	Dust, insects, high humidity, cooking fumes, steam, strong air currents.	Clean the detector (see Section 6.1). Relocate the detector if it's too close to kitchens, bathrooms, or vents. Ensure proper ventilation.
No alarm when test button is pressed	Dead or improperly installed battery; faulty unit.	Check battery installation and replace if necessary. If the problem persists, the unit may be faulty and needs replacement.
Red LED not flashing	No power; faulty unit.	Check battery installation. Replace battery. If still no LED activity, replace the unit.

8. TECHNICAL SPECIFICATIONS

- **Model:** KID29-FR
- **Power Source:** 1 x 9V Alkaline Battery (included)
- **Battery Life:** Approximately 1 year
- **Sensor Type:** Photoelectric
- **Alarm Loudness:** 85 dB at 3 meters (10 feet)
- **Dimensions (L x W x H):** 3.99 x 10.01 x 10.01 cm (approx. 1.57 x 3.94 x 3.94 inches)
- **Weight:** 100 grams (approx. 3.53 ounces)

- **Material:** Plastic
- **Color:** White
- **Certifications:** EN14604, CE, NF
- **Usage:** Indoor

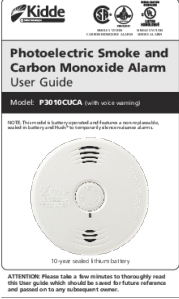
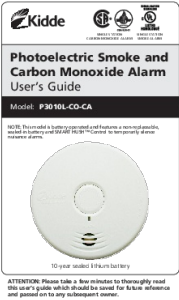
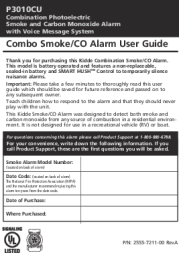

9. WARRANTY AND CUSTOMER SUPPORT



The Kidde KID29-FR Smoke Detector comes with a **5-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use and service. This warranty does not cover damage resulting from accident, misuse, abuse, or lack of reasonable care.

For warranty claims, technical assistance, or further information, please contact your retailer or the manufacturer's customer support. Keep your proof of purchase for warranty purposes.

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Related Documents - KID29-FR

 <p>Kidde P3010CUCA Photoelectric Smoke and Carbon Monoxide Alarm User Guide</p> <p>Model: P3010CUCA (with voice warning)</p> <p>NOTE: Recommended a battery-powered and features a non-replaceable, sealed 10-year sealed lithium battery.</p> <p>ATTENTION: Please take a few minutes to thoroughly read this user's guide which should be used for future reference and passed on to any subsequent owner.</p> <p>REV 2023 1210 03 EN</p>	<p>Kidde P3010CUCA Photoelectric Smoke and Carbon Monoxide Alarm User Guide</p> <p>User guide for the Kidde P3010CUCA Photoelectric Smoke and Carbon Monoxide Alarm, detailing operation, installation, safety features, and troubleshooting. Features voice warnings and a 10-year sealed battery.</p>
 <p>Kidde P3010L-CO-CA Photoelectric Smoke and Carbon Monoxide Alarm User's Guide</p> <p>Model: P3010L-CO-CA</p> <p>NOTE: Recommended a battery-powered and features a non-replaceable, sealed 10-year sealed lithium battery.</p> <p>ATTENTION: Please take a few minutes to thoroughly read this user's guide which should be used for future reference and passed on to any subsequent owner.</p> <p>User guide P3010L-CO-CA Rev A 10/23</p>	<p>Kidde P3010L-CO-CA Photoelectric Smoke and Carbon Monoxide Alarm User's Guide</p> <p>Comprehensive user's guide for the Kidde P3010L-CO-CA Photoelectric Smoke and Carbon Monoxide Alarm. Learn about installation, operation, maintenance, safety tips, and troubleshooting for this dual-function home safety device.</p>
 <p>P3010CU Combination Photoelectric Smoke and Carbon Monoxide Alarm with Voice Message System Combo Smoke/CO Alarm User Guide</p> <p>Model: P3010CU</p> <p>NOTE: Recommended a battery-powered and features a non-replaceable, sealed 10-year sealed lithium battery.</p> <p>ATTENTION: Please take a few minutes to thoroughly read this user's guide which should be used for future reference and passed on to any subsequent owner.</p> <p>REV 2023 1210 03 EN</p>	<p>Kidde P3010CU Combination Smoke and Carbon Monoxide Alarm User Guide</p> <p>Comprehensive user guide for the Kidde P3010CU Combination Photoelectric Smoke and Carbon Monoxide Alarm with Voice Message System. Learn about installation, operation, maintenance, safety, and troubleshooting.</p>
 <p>User Guide Photoelectric Smoke Alarm KIDDE</p> <p>Model: 20SD10</p> <p>NOTE: Recommended a battery-powered and features a non-replaceable, sealed 10-year sealed lithium battery.</p> <p>ATTENTION: Please take a few minutes to thoroughly read this user's guide which should be used for future reference and passed on to any subsequent owner.</p> <p>REV 2023 1210 03 EN</p>	<p>Kidde 20SD10 Photoelectric Smoke Alarm User Guide</p> <p>Comprehensive user guide for the Kidde 20SD10 Photoelectric Smoke Alarm, covering installation, operation, testing, troubleshooting, and safety guidelines for optimal fire safety.</p>

	<p>Kidde 29D/29HD Photoelectric Smoke Alarm User Guide</p> <p>Comprehensive user guide for Kidde 29D and 29HD photoelectric smoke alarms, covering installation, operation, maintenance, safety tips, and warranty information.</p>
	<p>Kidde RGCUAR-RW Combination Smoke and CO Alarm: Specifications and Safety Information</p> <p>Detailed product information for the Kidde RGCUAR-RW Combination Photoelectric Smoke/CO Alarm, including technical specifications, safety warnings, certification details, manufacturing origin, and operational indicators.</p>