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Kidde P3010B

Kidde P3010B 10-Year Battery Photoelectric Smoke Alarm User Manual

Model: P3010B | Brand: Kidde

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Kidde P3010B Photoelectric Smoke Alarm. This device is designed to detect visible fire particles, commonly associated with smoldering fires, and features an 85-decibel alarm. It is powered by a sealed 10-year lithium battery, eliminating the need for battery replacement throughout its operational life. The alarm automatically activates upon attachment to its mounting bracket, ensuring continuous protection.



Detects Smoke

- 10 Year Sealed Battery
- Voice Alert
- LED Lights
- Self Activation
- Smart Hush™
- Photoelectric sensor
- End of life hush



Figure 1: Front view of the Kidde P3010B Smoke Alarm.

2. KEY FEATURES

- **Photoelectric Sensor Technology:** Detects visible fire particles, ideal for smoldering fires.
- **10-Year Sealed Lithium Battery:** Provides continuous power for the life of the alarm, eliminating battery changes and ensuring operation during power outages.
- **Voice Alerts:** Provides clear voice warnings in addition to the audible alarm.
- **Automatic Activation:** The alarm activates automatically when attached to the mounting bracket.
- **Test-Hush Button:** Allows for easy testing of alarm functionality and temporary silencing of nuisance alarms caused by cooking or shower steam.
- **End-of-Life Chirp:** Notifies you when the alarm needs to be replaced, typically after 10 years of operation.
- **UL Certified:** Meets safety standards UL 217, NFPA72 (chapter 11 2002 edition), NFPA101 (One and two-family dwellings), and Federal Housing Authority (FHA).

3. SAFETY INFORMATION AND PLACEMENT GUIDELINES

For optimal safety, install smoke alarms on every level of your home, inside each bedroom, and in the hallway outside of sleeping areas. Ensure alarms are not placed within 6 feet of cooking appliances or 20 feet of furnaces to minimize nuisance alarms. This photoelectric smoke alarm is designed to detect smoke from smoldering fires.

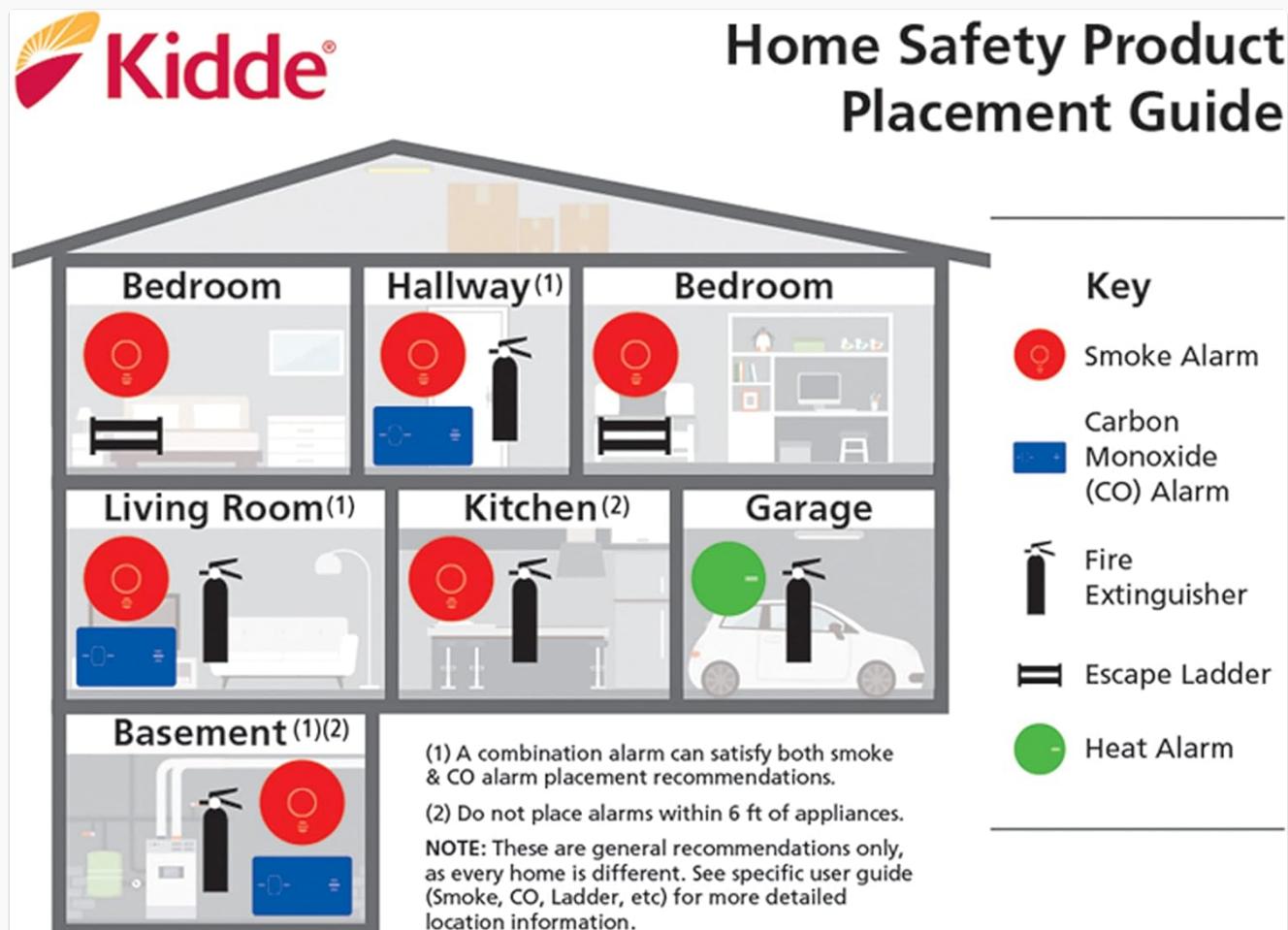


Figure 2: Recommended home safety product placement guide.

Always refer to local codes and regulations for specific installation requirements in your area.

4. SETUP AND INSTALLATION

The Kidde P3010B smoke alarm is designed for easy installation. It comes with a mounting bracket that can be attached to a wall or ceiling. Once the alarm unit is twisted onto the mounting bracket, it will automatically activate. No wiring or complex setup is required.



Over 100 years of innovation



10-Year Sealed Lithium Battery Voice Alert

Figure 3: Back view of the smoke alarm with mounting details.

For a visual guide on installation and features, please watch the product summary video below:

Your browser does not support the video tag.

Video 1: Product Summary Video demonstrating features and installation.

5. OPERATING INSTRUCTIONS

Once installed, the smoke alarm is continuously monitoring for smoke. The green LED light indicates normal operation. In the event of smoke detection, the alarm will sound an 85-decibel alert and provide voice warnings.

5.1. Testing the Alarm

Press and hold the Test-Hush button located on the front of the alarm. The alarm will sound, indicating that the unit is functioning correctly. Test your smoke alarm weekly to ensure proper operation.



Figure 4: The Test-Hush button on the smoke alarm.

5.2. Hush Feature

If a nuisance alarm occurs (e.g., from cooking fumes or shower steam), press the Test-Hush button to temporarily silence the alarm for approximately 10 minutes. The alarm will automatically reset after the hush period if no smoke is present.

6. MAINTENANCE

The Kidde P3010B smoke alarm requires minimal maintenance due to its 10-year sealed battery. However, regular cleaning and awareness of its end-of-life status are important.

6.1. Cleaning

Clean the smoke alarm annually. Use a soft brush or vacuum cleaner with a soft brush attachment to remove dust and debris from the alarm's vents. Do not paint the alarm.

6.2. End-of-Life Indication

After approximately 10 years of operation, the alarm will emit an end-of-life chirp, indicating that the unit needs to be replaced. This chirp signifies that the battery and sensor have reached the end of their useful life. Replace the entire unit promptly.



Figure 5: Detailed view of the alarm's back, including end-of-life instructions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps periodically (e.g., every 60 seconds)	Low battery warning or end-of-life.	If the alarm is new, ensure it is properly activated on the mounting bracket. If the alarm is old (near 10 years), replace the entire unit.
Nuisance alarms (false alarms)	Cooking fumes, steam, high humidity, dust.	Press the Test-Hush button to temporarily silence the alarm. Relocate the alarm if nuisance alarms persist due to environmental factors. Clean the alarm regularly.

Problem	Possible Cause	Solution
Alarm does not sound during test	Unit not activated or faulty.	Ensure the alarm is correctly twisted onto its mounting bracket for activation. If still unresponsive, the unit may be faulty and requires replacement.

8. SPECIFICATIONS

Specification	Detail
Model Number	P3010B
Sensor Type	Photoelectric
Power Source	10-Year Sealed Lithium Battery
Alarm Loudness	85 Decibels
Product Dimensions	1.6"D x 5.22"W x 5.22"H
Item Weight	0.6 Pounds (approx. 9.6 ounces)
Operating Humidity	10% to 95% relative humidity, non-condensing
Upper Temperature Rating	100 Degrees Fahrenheit
Certifications	UL 217, NFPA72, NFPA101, FHA

9. WARRANTY AND SUPPORT

The Kidde P3010B Photoelectric Smoke Alarm comes with a 10-year limited manufacturer's warranty. This warranty covers defects in materials and workmanship from the date of purchase, or from the date of activation if the purchase date is unknown. Please retain your proof of purchase.

For product support, technical assistance, or warranty claims, please contact Kidde Customer Service:

Phone: 1-800-880-6788

For more information, you may also visit the official Kidde website.

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This manual is for informational purposes only. Specifications are subject to change without notice.