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## Kidde C3010

# Kidde Worry-Free Carbon Monoxide Detector Alarm

MODEL C3010 - USER INSTRUCTION MANUAL

## Introduction

The Kidde C3010 is a 10-year, sealed battery carbon monoxide (CO) alarm designed to protect your household from the dangers of carbon monoxide. This unit utilizes advanced electro-chemical sensing technology for reliable detection. It features a sealed-in lithium power supply, eliminating the need for battery replacement throughout its 10-year operational life. The alarm automatically activates upon attachment to its mounting bracket and provides clear indications of its status through LED lights and an audible chirp system.



Figure 1: Front view of the Kidde C3010 Carbon Monoxide Alarm.

## Setup and Installation

The Kidde C3010 alarm is designed for easy installation and is suitable for all living areas. The unit automatically activates once securely attached to its mounting bracket. No wiring or complex setup is required due to its sealed lithium battery.

### Installation Steps:

1. Select an appropriate location for the alarm. Carbon monoxide alarms should be installed on every level of the home, including basements, and near sleeping areas.
2. Mount the provided bracket to a wall or ceiling using the appropriate hardware (screws, anchors). Ensure the mounting surface is stable.
3. Attach the C3010 alarm unit to the mounting bracket. The alarm will automatically activate upon proper attachment.
4. Perform an initial test of the alarm by pressing the Test/Reset button (refer to the Operating section for details).



Over 100 years of innovation



**10-Year Sealed Lithium Battery**  
**Easy to Install**

Figure 2: Kidde C3010 Carbon Monoxide Alarm with approximate dimensions (4.5"W x 2.75"H x 1.5"D).

### Operating the Alarm

The Kidde C3010 provides clear visual and audible indicators for its operational status and any detected hazards.

### **LED Indicators:**

- **Green LED:** Flashes approximately every 30 seconds to indicate the unit is operating properly.
- **Red LED:** Pulses and a loud alarm pattern sounds when a dangerous level of carbon monoxide is detected. The alarm pattern is 4 short beeps, followed by 5 seconds of silence, then 4 short beeps with a corresponding red LED flash. This cycle continues for 4 minutes, then changes to 2 patterns per minute thereafter.
- **Amber LED:** Flashes every second to indicate the unit is in fault mode.

### **Audible Indicators:**

- **Alarm:** 4 short beeps, 5 seconds silence, 4 short beeps (repeating).
- **Error Condition:** One quick beep every 30 seconds.
- **Low Battery Power:** One quick beep every 60 seconds.

### **Test/Reset Button:**

The Test/Reset button allows you to test the unit for proper operation and to reset the Carbon Monoxide Alarm after an event. Press and hold the button to initiate a test sequence. The alarm will sound, and LEDs will cycle through their states.



Figure 3: Close-up view of the LED indicators and Test/Reset button.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the features and operation of the Kidde C3010 Carbon Monoxide Alarm, including LED indicators and the test function.

## Maintenance

The Kidde C3010 is designed for minimal maintenance due to its 10-year sealed lithium battery. Regular testing is the primary maintenance task.

### Regular Testing:

Test the alarm weekly or monthly by pressing the Test/Reset button. This ensures the unit's electronics, battery, and horn are functioning correctly.

### End of Alarm Life:

At the end of its 10-year life, the unit will emit a chirp, indicating it needs replacement. To deactivate the unit and

stop the end-of-life chirp for safe disposal, use a screwdriver to access the deactivation switch located on the back of the unit.

## Cleaning:

Clean the alarm regularly to prevent dust and debris from interfering with its operation. Use a soft, damp cloth to wipe the exterior. Do not use cleaning solvents or spray directly onto the alarm.

## Troubleshooting

The Kidde C3010 alarm provides specific indicators for various conditions:

- **Alarm Sounds (Red LED pulses):** Carbon monoxide detected. Immediately move to fresh air and call emergency services.
- **One quick beep every 30 seconds (Amber LED flashes):** Unit is in fault mode. This indicates a malfunction. The unit should be replaced.
- **One quick beep every 60 seconds:** Low battery power. Although the battery is sealed for 10 years, this indicates an internal battery issue or end-of-life. The unit should be replaced.
- **No LED activity or sound during test:** The unit may not be receiving power or is malfunctioning. Ensure it is correctly mounted. If issues persist, replace the unit.

Refer to the quick reference guide on the inside cover of the mounting bracket for immediate actions in case of an alarm.

## Specifications

Feature	Detail
Brand	Kidde
Model Number	C3010 (Item model number: 21010045)
Power Source	Sealed-in Lithium Battery (10-year life)
Sensor Type	Electrochemical
Alarm Type	Audible and Visual (LED)
Product Dimensions	1.5"D x 4.5"W x 2.75"H
Item Weight	0.25 Pounds (4 ounces)
Color	White
Warranty	10-year limited warranty

## Warranty Information

The Kidde C3010 Carbon Monoxide Alarm comes with a 10-year limited warranty. This warranty covers defects in materials and workmanship under normal use and service. For specific terms and conditions, please refer to the warranty documentation included with your product or contact Kidde customer support.

## Support

