Kidde KN-COPP-3

Kidde KN-COPP-3 Carbon Monoxide Detector User Manual

Your Guide to Safety and Operation

1. PRODUCT OVERVIEW

The Kidde KN-COPP-3 Carbon Monoxide (CO) Detector is designed to provide continuous monitoring for poisonous carbon monoxide gas in your home. Utilizing advanced electrochemical sensor technology, this device detects CO levels and alerts you with an 85-decibel alarm. It features a digital LED display for real-time CO concentration readings and includes a 9-volt battery backup to ensure protection during power outages.

Key Features:

- **Easy Installation:** Plugs directly into a standard 120V AC power outlet.
- **9-Volt Battery Backup:** Provides continuous operation during power failures.
- **Digital LED Display:** Shows current CO levels in parts per million (PPM) and updates every 15 seconds.
- **85-Decibel Alarm:** Loud audible alert when carbon monoxide is detected.
- **Peak Level Memory:** Records the highest CO level detected since the last reset or test.
- **Smart-Hush Button:** Temporarily silences nuisance alarms for approximately 8 minutes.
- **Extension Cord Included:** Allows for flexible placement on a table or shelf.

2. IMPORTANT SAFETY INFORMATION

Carbon monoxide is an invisible, odorless, and tasteless gas that can be fatal. This detector is designed to alert you to the presence of CO gas. It is crucial to understand that this device is not a substitute for a smoke alarm. Install both smoke and carbon monoxide alarms for comprehensive home safety.

Understanding Carbon Monoxide:

CO is produced by the incomplete combustion of fuels such as natural gas, propane, heating oil, kerosene, coal, charcoal, gasoline, or wood. Sources can include malfunctioning furnaces, gas ranges, water heaters, fireplaces, and vehicle exhaust.

Recommended Placement:

For optimal protection, install a carbon monoxide detector on every level of your home, especially near sleeping areas. Avoid placing the detector within 6 feet of fuel-burning appliances to prevent nuisance alarms from normal operation. Refer to the diagram below for general placement guidelines.
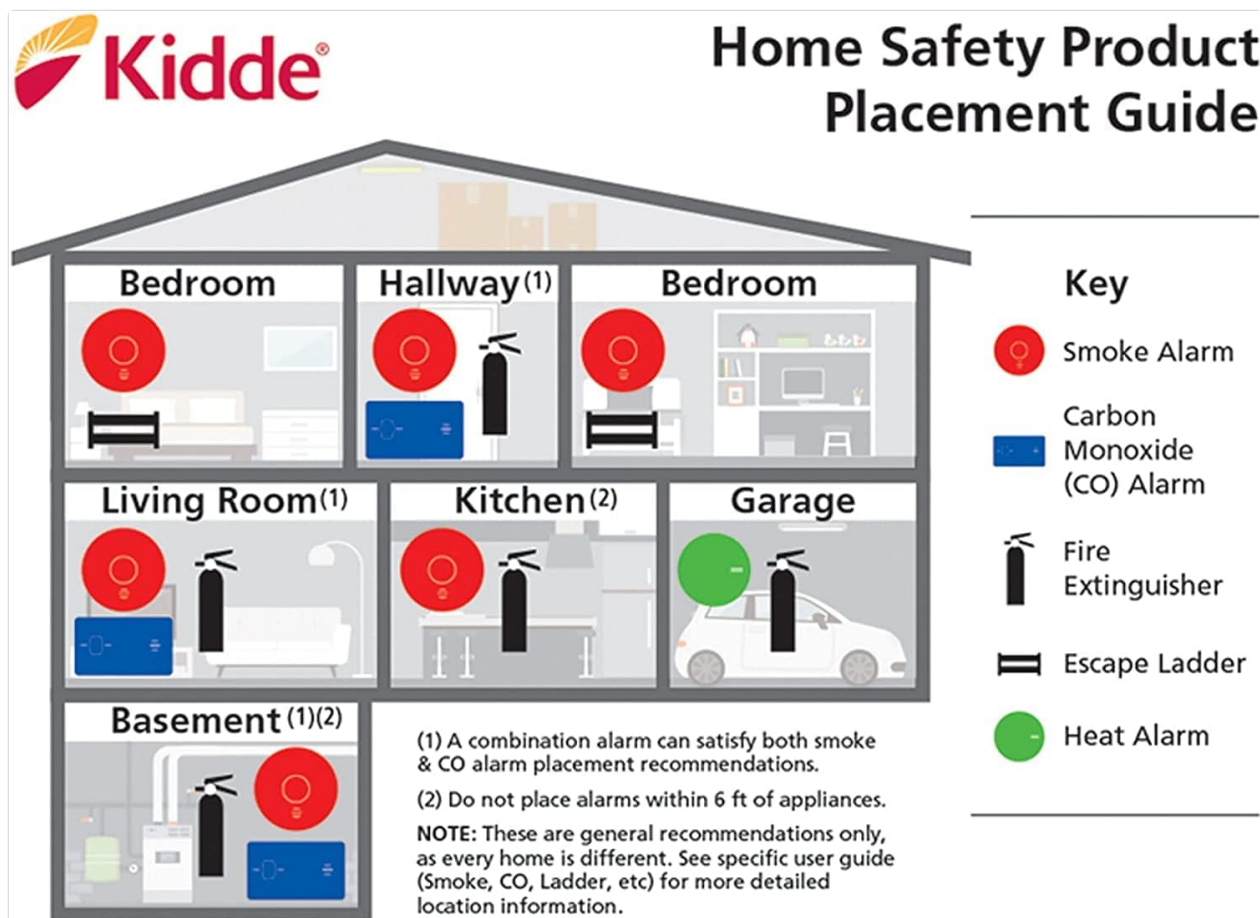

Figure 1: Home Safety Product Placement Guide. This diagram illustrates recommended locations for various safety devices, including carbon monoxide alarms, throughout a typical home layout.

This product is UL Certified and meets the requirements of UL 2034, UL217, NFPA72 (chapter 11 2002 edition), The State of California Fire Marshal, NFPA101 (One and two family dwellings), and Federal Housing Authority (FHA), Housing and Urban Development (HUD).

3. SETUP AND INSTALLATION

The Kidde KN-COPP-3 Carbon Monoxide Detector offers flexible installation options: direct plug-in, wall mount, or tabletop placement using the included extension cord.

Battery Installation:

1. Open the battery compartment cover on the back of the unit.
2. Connect the 9-volt alkaline battery (included) to the battery connector.
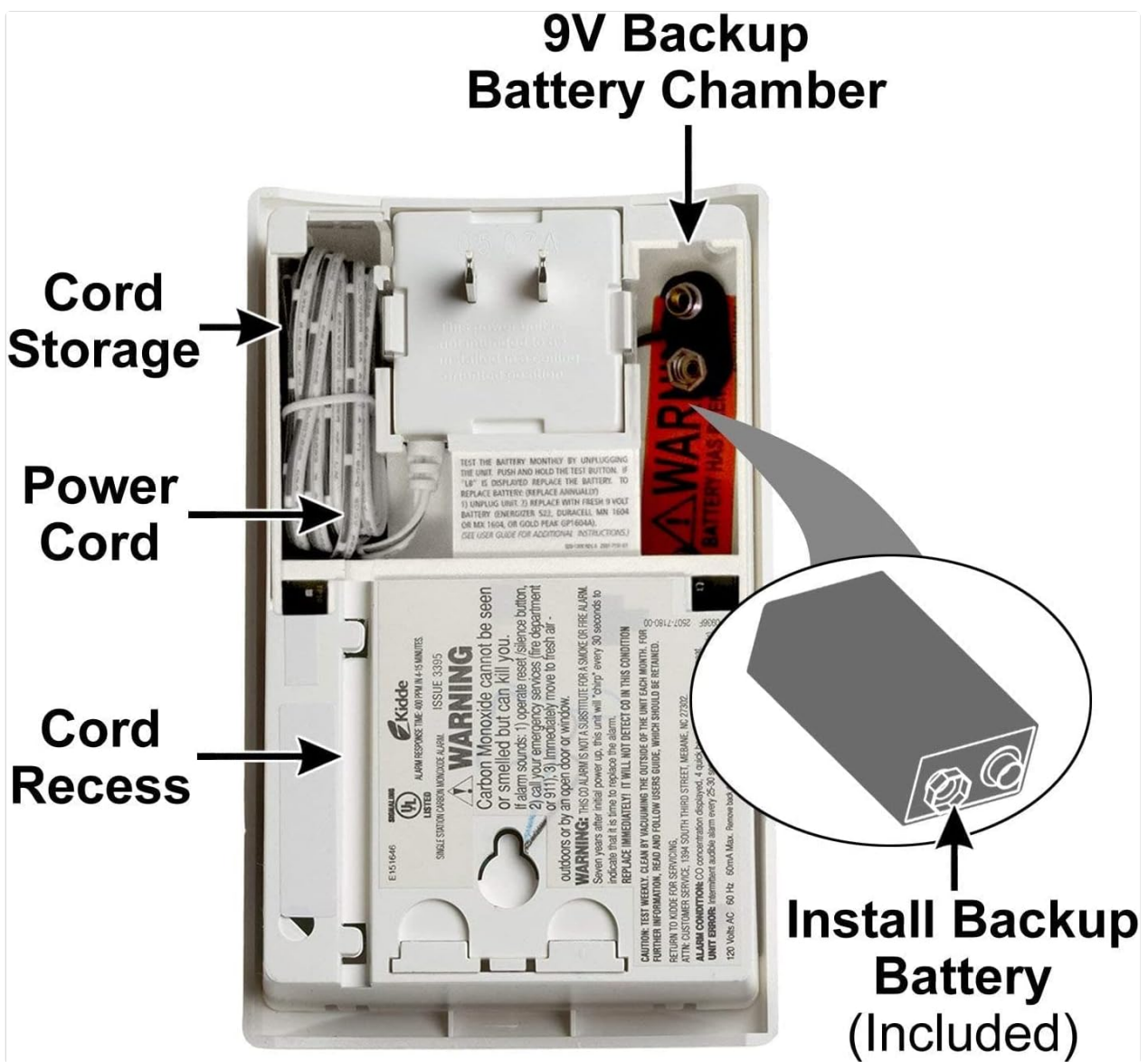3. Place the battery into the compartment and close the cover securely.

Figure 2: Rear view of the alarm, indicating the 9V Backup Battery Chamber and Cord Storage area.

Power Connection:

1. **Direct Plug-in:** Ensure the AC plug is securely attached to the back of the unit. Plug the detector into a standard 120V AC wall outlet. The plug can be rotated to accommodate vertical or horizontal outlets.

2. **Tabletop/Shelf Placement:** Detach the AC plug from the unit by pressing the adapter thumb release. Connect the included extension cord to the unit and plug the other end into a 120V AC outlet. Place the detector on a flat surface.

3. **Wall Mount:** Use the keyholes on the back of the unit to mount it to a wall. Ensure the unit is powered either directly via the AC plug or using the extension cord.

Figure 3: Back of the alarm unit, detailing the removable AC adapter, adapter thumb release, key holes for wall mounting, and slide support for tabletop or direct plug use.

Initial Power-Up:

Upon initial power-up, the unit will perform a self-test. The digital display will show '888' and then '0' (or the current CO level if present). A blinking dot in the lower right corner of the display indicates normal operation.

4. OPERATING INSTRUCTIONS

Digital LED Display:

The red LED display shows the current carbon monoxide concentration in parts per million (PPM). It updates every 15 seconds. If no CO is detected, it will typically display '0'.

Test/Reset Button:

Press and hold this button to test the unit's electronic circuitry and horn. The alarm will sound, and the display will show '888' during the test. This button also resets the unit during an alarm condition or silences nuisance alarms.

Figure 4: A hand pressing the 'Test/Reset' button on the Kidde Carbon Monoxide Alarm.

Peak Level Button:

Press this button to view the highest CO level recorded by the alarm since it was last reset or unplugged. This feature helps monitor potential intermittent CO exposure.

Alarm Conditions:

If carbon monoxide is detected at dangerous levels, the alarm will emit four quick audible beats every five seconds. The digital display will show the detected CO level. In an alarm condition, immediately move to fresh air and call emergency services.

Smart-Hush Feature:

If the alarm sounds due to non-emergency conditions (e.g., routine cooking fumes), press the Test/Reset button to temporarily silence the alarm for approximately 8 minutes. The unit will automatically re-enter monitoring mode after the hush period.

5. MAINTENANCE

Regular Testing:

Test your CO detector weekly by pressing the Test/Reset button. Ensure the alarm sounds and the display functions correctly. If the alarm does not sound, refer to the Troubleshooting section.

Battery Replacement:

The 9-volt backup battery should be replaced annually, or immediately if the unit indicates a low battery warning (e.g., 'Lb' on the display or a chirp every 30 seconds). Use a fresh 9-volt alkaline battery.

Unit Replacement:

The Kidde KN-COPP-3 Carbon Monoxide Detector has a 10-year operational life. After 10 years, the unit will display 'End' to indicate it needs to be replaced. Replace the unit immediately to ensure continued protection.

6. TROUBLESHOOTING

If your Kidde Carbon Monoxide Detector is not functioning as expected, refer to the following common issues and solutions:

- **Alarm Sounds:** If the alarm sounds and the display shows a CO level, immediately move to fresh air and call emergency services. Do not re-enter the premises until it has been deemed safe by professionals.
- **'Lb' on Display or Chirping:** Indicates a low 9-volt backup battery. Replace the battery immediately.
- **'Err' on Display:** Indicates a malfunction in the unit. The detector needs to be replaced.
- **'End' on Display:** The unit has reached the end of its 10-year operational life. Replace the detector immediately.
- **Nuisance Alarms:** If the alarm sounds without a detectable CO level, it may be due to cooking fumes, high humidity, or other environmental factors. Press the Smart-Hush button to temporarily silence the alarm. If nuisance alarms persist, ensure proper ventilation and check detector placement.

7. SPECIFICATIONS

Feature	Specification
Brand	Kidde
Model Number	KN-COPP-3
Power Source	Plug In (120 Volts AC) with 9-Volt Battery Backup
Sensor Type	Electrochemical
Alarm Loudness	85 Decibels
Product Dimensions	1.75"D x 3.75"W x 6.06"H
Item Weight	16 ounces (1 pound)
Operating Humidity	5% to 95% relative humidity, non-condensing
Upper Temperature Rating	100 Degrees Fahrenheit
Certifications	UL Certified (UL 2034, UL217, NFPA72, NFPA101, FHA, HUD)

Feature	Specification
Unit Life	10 Years

8. WARRANTY AND SUPPORT

Warranty Information:

The Kidde KN-COPP-3 Carbon Monoxide Detector comes with a 10-year limited manufacturer's warranty. Please retain your proof of purchase for warranty claims.
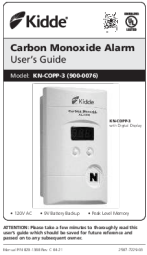
Customer Support:

For technical assistance, troubleshooting, or warranty inquiries, please contact Kidde customer support. Refer to the product packaging or the official Kidde website for the most current contact information.
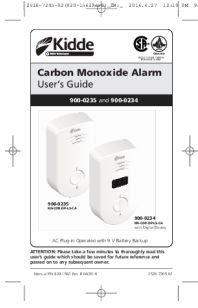
9. PRODUCT VIDEO OVERVIEW

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Video 1: Product Summary Video. This video provides a concise overview of the Kidde Carbon Monoxide Detector's features and benefits, demonstrating its ease of use and key functionalities.

Related Documents - KN-COPP-3

	[Kidde KN-COPP-3 Carbon Monoxide Alarm User's Guide](#) Comprehensive user guide for the Kidde KN-COPP-3 Carbon Monoxide Alarm, detailing its features, installation, operation, maintenance, and troubleshooting. Learn about carbon monoxide safety and how to respond to alarm events.
	[Kidde 900-0113 Carbon Monoxide, Propane, and Natural Gas Alarm User Guide](#) This user guide provides instructions and safety information for the Kidde 900-0113 AC Plug-in Carbon Monoxide, Propane & Natural Gas Alarm with Digital Display. Learn about installation, operation, maintenance, and troubleshooting.

[Kidde Carbon Monoxide Alarm User's Guide: Models 900-0235 & 900-0234](#)

Comprehensive user guide for Kidde Carbon Monoxide Alarms, models 900-0235 and 900-0234. Learn about CO detection, installation, operation, maintenance, troubleshooting, and warranty information.

[Kidde Carbon Monoxide Alarm & Smoke Alarm User Guides: KN-COPP-3, i9030 Series](#)

Comprehensive user guides for Kidde Carbon Monoxide Alarm (Model KN-COPP-3) and Kidde Smoke Alarms (Models i9030, i9040, i9040RV, i9050, i9060, i9060RV, i9080). Learn about installation, operation, maintenance, and safety features for home protection.

[Kidde Nighthawk KN-COB-DP-LS Carbon Monoxide Alarm - AC Powered with Battery Backup](#)

Detailed information on the Kidde Nighthawk KN-COB-DP-LS carbon monoxide alarm. Features include AC power, battery backup, tamper resistance, dual LEDs, test/reset button, 7-year end-of-life warning, and UL listing. Includes technical specifications and ordering information.

[Kidde and NSI Carbon Monoxide & Smoke Alarms: Product Information and Specifications](#)

Comprehensive overview of Kidde battery-operated carbon monoxide alarms, combination smoke and CO alarms, and NSI low-level carbon monoxide monitors. Includes product features, technical specifications, benefits, and ordering information.