



Worry-Free

Ten Year Sealed Battery
Smoke Alarms

Worry-Free Bedroom Smoke Alarm Sealed Lithium Battery Power with Voice Alarm

Model P3010B

Test/Hush Button

A single button that tests alarm circuitry and temporarily silences nuisance alarms.

LED Indicator

A flashing red indicator blinks to correspond with alarm sound, unit error mode, and standby condition.

Talking Alarm

Clearly identifies hazard.

Sealed-In Lithium Battery

Unit will continue to operate for 10 years. Alerts user to replace alarm after 10 years of operation.



Description

The Kidde P3010B is a 10-year, sealed battery, smoke alarm with photoelectric sensing technology and Smart Hush feature. The 85dB alarm tone is accompanied by a voice warning feature. The alarm will automatically activate when it is attached to the mounting bracket; there are no pull-tabs, no switches, everything is automatic. At the end of alarm life, the unit will chirp, indicating the alarm is in need of replacement. The customer can use a simple tool such as a screwdriver to deactivate the unit, stopping the chirp and making it safe for disposal.

The P3010B contains a 10-year tamper proof battery that eliminates the need for battery replacement, and ends worry of unauthorized battery removal. The alarm provides continuous protection from smoke and fire, even during power outages.

Industry experts (such as the NFPA), recommend that both ionization and photoelectric smoke alarms be installed to help insure maximum detection of the various types of fires that can occur within the home. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms.

Features and Benefits

- **Voice Alarm** – Unit announces “Fire! Fire!” in addition to loud 85dB beeps when smoke or fire is detected
- **Sealed-In Lithium Battery** – Sealed-in lithium power supply; no battery replacement required over the 10 year life of the alarm. Eliminates worry about battery removal or unauthorized deactivation of alarm..
- **Photoelectric Sensor** – Advanced photoelectric sensor may detect visible particles (associated with smoldering fires) sooner than ionization alarms.
- **Self Activation** – Alarm automatically activates when attached to the mounting bracket.
- **Alarm Memory** – Rapidly flashing LED alerts user if the alarm has sounded since the last time the test/reset button was used.
- **Test/Hush Button** – Tests alarm circuitry and activates Hush features.
- **Smart Hush™** – Temporarily silences nuisance alarms for approximately 10 minutes and will not allow hush mode unless the unit is in alarm mode.
- **LED** – Red LED will blink in conjunction with the alarm sound.
- **End of Life Warning** – Alarm chirps every 30 seconds to indicate the unit is in need of replacement.
- **End of Life Hush®** – End of life indication can be silenced three days at a time up to 30 days to allow for alarm replacement at a more convenient time.
- **UL Listed**
- **10 Year Limited Warranty**



Architectural and Engineering Specifications

The smoke alarm shall be Kidde unit P3010B or approved equal. It shall be powered by a non-replaceable lithium battery with 10-year life. The lithium battery shall be sealed in the unit to prevent removal and/or tampering. The unit shall incorporate a photoelectric sensor. The temperature operating range shall be between 40°F and 100°F (4°C and 38°C) and the humidity operating range shall be 10%-85% non-condensing relative humidity.

The smoke alarm can be installed on the surface of any wall or ceiling following the UL/Manufacturer's approved placement guidelines. The alarm shall incorporate an automatic activation feature that will activate the unit as soon as it is attached to the mounting bracket, no other steps are involved.

The alarm shall include a test button that will simulate a fire condition and cause the unit to go into alarm. This sequence tests the unit's electronics to ensure proper operation.

The unit shall have two audible methods for warning of smoke or fire danger: a piezoelectric horn that is rated at 85 decibels at 10 feet and a voice warning. In alarm, the horn will sound in the repetitive manner – three (3) beeps, a pause, three (3) beeps, a pause. In between, the unit will announce "Fire! Fire!". A red LED will flash in conjunction with the alarm sound.

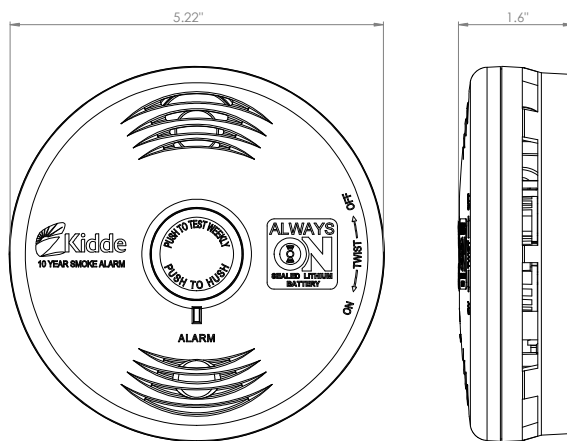
The unit shall also indicate a low battery warning utilizing each of the following methods: a brief alarm chirp, the voice announcement of "Low Battery!" and the red LED will flash once every 30 seconds. The red LED will flash every 60 seconds for the first 10 minutes following power on or test, and once every 10 minutes thereafter. It will also flash every 10 seconds while in Hush mode.

The smoke alarm shall include an End of Life Alert, where ten years after initial power-up the unit shall chirp two times every 30 seconds to indicate the alarm needs to be replaced. The End of Life indication can be silenced three days at a time for a maximum of 30 days. The unit shall have a deactivation switch to disable it and make it safe for disposal.

The unit shall at a minimum meet the requirements of UL217, NFPA 72 (chapter 11 2002 edition), The State of California Fire Marshall, NFPA101 (One and two family dwellings), Federal Housing Authority (FHA), Housing and Urban Development (HUD). It shall also include a 10-year manufacturer's limited warranty.

Technical Specifications

Model:	P3010B
Power Source:	Sealed Lithium Battery
Sensor:	Photoelectric
Audio Alarm:	85dB at 10ft
Temperature Range:	40°F (4.4°C) to 100°F (37.8°C)
Humidity Range:	10%-85% non-condensing relative humidity (RH)
Size:	5.22" in diameter x 1.6" depth
Weight:	1 lb.
Interconnects:	No
Warranty:	10 year limited



Ordering Information

Part No:	I 2 of 5	UPC	Pack Quantity	Dimensions (w" x d" x h")	Weight	Case/Skid	Skid Weight
21010161	100-47871-10052-8	0-47871-10052-1	3-PK (Clam)	7.25 x 1.75 x 11	1 lbs	N/A	N/A
21010167	100-47871-10067-2	0-47871-10067-5	6-PK (Box)	5.75 x 2 x 6.25	1 lbs	N/A	N/A

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