



Smoke Alarm

User's Guide

Models: i12020ACA i12040ACA P12040CA

NOTE: The model i12040ACA smoke alarm has a low battery HUSH feature. If the alarm is sounding a low battery warning chirp, you can silence this chirp for approximately 13 hours by pressing the Test/Hush button.



120 V AC Direct Wire

ATTENTION: Please take a few minutes to thoroughly read this user's guide which should be saved for future reference and passed on to any subsequent owner.

Note: This is a condensed version of manual. To see the full manual, please visit concordpacific.com/customer-care/

3. Operation

Hush® Control Feature

CAUTION: This feature should only be used to silence an alarm that was activated by a readily known non hazardous condition, such as smoke from cooking.

Combustion particles from cooking may set off the alarm if the alarm is located close to the cooking area. Large quantities of combustible particles are generated from spills or when broiling. Using the fan on a range hood that vents to the outside (non-recirculating type) will also help remove these combustible particles from the kitchen.

The Hush® button is extremely useful in a kitchen area or other areas prone to nuisance alarms.

The Hush® feature, activated by pushing the Hush® button on the smoke alarm cover, temporarily desensitizes the alarm. If the smoke is not too dense, the alarm will silence, the Red LED will flash every 10 seconds and some units may chirp approximately every 40 seconds for up to 8 minutes.

The smoke alarm will automatically reset to normal sensitivity after approximately 8 minutes. If after this period particles of combustion are still present, the alarm will sound again.

The Hush® feature can be used repeatedly until the air has been cleared of the condition causing the alarm. If the cause of the alarm is immediately known and you have determined that a safe condition exists, then pressing the Hush button will temporarily desensitize the alarm and the alarm will silence if the smoke is not too dense.

NOTE: Dense smoke will override the Hush® feature and sound a continuous alarm.

3. Operation

LED Indicators

This alarm is equipped with red and green LED indicators:

The green LED (when illuminated) indicates the presence of AC power.

The red LED located under the test / hush button) has four modes of operation:

Standby Condition: The red LED will flash every 40 seconds to indicate that the smoke alarm is operating properly.

Alarm Condition: When the alarm senses products of combustion and goes into alarm, the red LED will flash one flash per second. The flashing LED and pulsating alarm will continue until the air is cleared.

WHEN UNITS ARE INTERCONNECTED, only the red LED of the alarm which senses the smoke or is being tested (the originating unit) will flash. All other units in the interconnect system will sound an alarm but their red LED's will NOT flash.

Alarm Memory (Models **i12020ACA** and **i12040ACA** only): This smoke alarm is equipped with an alarm memory, which provides a visual indication when an alarm has been activated. The red LED will illuminate for about 1.5 seconds every 20 seconds to indicate the memory condition. The memory will remain activated until pushing the test button resets it or will time-out between 11 to 13 hours. In an interconnected installation only the memory of the originating alarm will be activated.

Hush® mode: The red LED will flash every 10 seconds, indicating the smoke alarm is in the Hush® mode.

3. Operation

Testing

NOTE: WEEKLY TESTING IS REQUIRED!

CAUTION: Due to the loudness (85 decibels) of the alarm, always stand an arms length away from the unit when testing.

Test by pushing the test button on the cover and hold it down for a minimum of 5 seconds. This will sound the alarm if all the electronics, circuitry, horn and battery (if applicable) are working. If the alarm does not sound insure that the AC power is on (green LED is illuminated). If the AC power is on and you have already replaced the battery (if applicable), the alarm must be replaced. DO NOT use an open flame to test your alarm, you could damage the alarm or ignite combustible materials and start a fire.

Test the alarm weekly to ensure proper operation. Erratic or low sound coming from your alarm may indicate a defective alarm, and it should be returned for service (see Warranty section).

Alarms failing an alarm test, or not operating normally, must be replaced with a new alarm. Similarly, alarms more than 10 years old must be replaced.

Alarm Removal

If the smoke alarm tamper resist feature has been activated, refer to the Alarm Tamper Resist Feature section for removal instructions.

To remove the alarm from the mounting plate, rotate the alarm in the direction of the "OFF" arrow on the cover. To disconnect the AC Quick-Connect wire harness, squeeze the locking arms on the sides of the Quick Connector while pulling the connector away from the bottom of the alarm (see Image 5).

4. Maintenance

Battery Replacement

Models **i12040ACA** and **P12040CA**

These alarms have a low/missing battery monitor circuit which will cause the alarm to "chirp" approximately every 30-40 seconds for a minimum of seven (7) days when the battery gets low. Replace the battery when this condition occurs.

Models **i12040ACA** and **P12040CA** use a 9 V carbon zinc battery (alkaline and lithium batteries may also be used). A fresh battery should last for one year under normal operating conditions.

Use only the following 9 volt batteries for replacement:

Carbon-Zinc Type	Eveready 1222 Gold Peak 1604P or 1604S
Alkaline Type	Energizer 522 Duracell MN1604 or MX1604 Gold Peak 1604A Panasonic 6AM6, 6AM-6, 6AM-6PI, 6AM6X and 6LR61 (GA)
Lithium Type	Ultralife U9VL-J

These batteries can be purchased at your local retailer.

WARNING! Use only the batteries specified above. Use of different batteries than the recommended ones, may have a detrimental effect on the smoke alarm. A good safety measure is to replace the battery at least once a year, or at the same time you change your clocks for daylight saving time. Be sure to follow the battery installation instructions printed on the back of the alarm.

SMOKE SENSING CHAMBER OPERATION: THIS ALARM WILL "CHIRP" IF ABNORMAL OPERATION OF THE SMOKE-SENSING CHAMBER IS DETECTED. THIS CHIRP WILL OCCUR APPROXIMATELY 20 SECONDS AFTER THE RED LED FLASH. REPLACE THE ALARM IF THIS CONDITION OCCURS.

NOTE: WEEKLY TESTING IS REQUIRED!

6. Warranty

TEN YEAR LIMITED WARRANTY

If after reviewing this manual you feel that your alarm is defective in any way, do not tamper with the unit. In many cases, the quickest way to exchange your alarm is to return it to the original place of purchase. Alternatively, you may return it for servicing to Kidde. If you have questions, call Kidde Customer Service at 1-800-880-6788.

Kidde warrants that the enclosed alarm (but not the batteries) will be free from defects in material and workmanship or design under normal use and service for a period of ten years from the date of purchase. The obligation of Kidde under this warranty is limited to repairing or replacing the alarm or any part which we find to be defective in material, workmanship or design, free of charge, upon sending the alarm with proof of date of purchase, postage and return postage prepaid, to: Kidde Canada Inc., P.O. Box 40, Apsley, ON K0L 1A0.

This warranty shall not apply to the alarm if it has been damaged, modified, abused or altered after the date of purchase or if it fails to operate due to improper maintenance or inadequate A.C. or D.C. power. Any implied warranties arising out of this sale, including but not limited to the implied warranties of description, merchantability and fitness for a particular purpose, are limited in duration to the above warranty period. In no event shall the Manufacturer be liable for loss of use of this product or for any indirect, special, incidental or consequential damages, or costs, or expenses incurred by the consumer or any other user of this product, whether due to a breach of contract, negligence, strict liability in tort or otherwise. The Manufacturer shall have no liability for any personal injury, property damage or any special, incidental, contingent or consequential damage of any kind resulting from gas leakage, fire or explosion.

Since some provinces do not allow limitations of the duration of an implied warranty or do not allow the exclusion or limitation of incidental or consequential damages, the above limitations or exclusions may not apply to you. While this warranty gives you specific legal rights, you may also have other rights which vary from province to province. The above warranty may not be altered except in writing signed by both parties hereto.

IMPORTANT: Do not remove unit back cover. Back cover removal will void warranty. Your Kidde smoke alarm is not a substitute for property, disability, life or other insurance of any kind. Appropriate insurance coverage is your responsibility. Consult your insurance agent.



Kidde Canada Inc., P.O. Box 40, Apsley, ON K0L 1A0

QUESTIONS OR FOR MORE INFORMATION

Call our Consumer Hotline at **1-800-880-6788** or contact us at our website at **www.kiddecanada.com**