FIREX SMAC10YFEX Interconnected Alarm and LED Warning Lights Owner's Manual

SMOKE ALARM
HARDWIRED + 10-YEAR NEVER-CHANGE BACKUP BATTERY
FIREX SERIES | MODEL SMAC10YFEX

Images are representative only.
Actual product may vary slightly.

NO LOW BATTERY CHIRPS
This alarm beeps to remind you it's time to replace it 10 years after it is powered.
INTERCONNECTED ALARMS*
When one alarm sounds, they all sound, so you never miss an emergency and can get out faster.
REDUCED NUISANCE ALARMS
Enhanced sensing technology reduces false alarms often caused by cooking.
SELF-TESTING**
For added assurance, internal components ensure alarm is always operating as expected.

Description

North America's #1 home fire safety brand (based on total household installations as of December 2022) is bringing you the next level of fire safetywith the FireX Smoke Alarm model SMAC10YFEX.
This alarm offers a modern 5" design ideal for all living spaces. Cutting edge technology sends fast alerts that give your family more time to get out safely and enhanced sensing technology reduces false alarms often caused by cooking.
Comprehensively tested and designed to the latest UL standard for safetyand reliability, this FireX alarm is powered by 120V AC with 10-year backup battery so you never have to change a battery.
Plus, it's self-testing and easy to install with the included twist-and-click mounting bracket. Equipped with end-of-life notifications, the alarm will beepto remind you it's time to replace it 10 years after it is powered. This alarm also has interconnected alarm activation so you never miss an emergency and can get out faster.
Alarm Warnings – featuring multi-color LEDs
Fire: The red LED will flash in sync with the alarm pattern (3 long beeps).
The alarm will repeat this pattern until the unit is reset or smoke is eliminated.
End of Unit Life: Two chirps and amber LED flashes per minute.
Alarm Memory: Alerts a user if smoke has been detected in the last 24 hours. If smoke has been detected, the red LED blinks every 15 seconds.

Features & Benefits

- **Worry-Free 10-Year Backup Battery** – No battery changes for 10 years.†

  Avoids inconvenient battery replacements and saves up to $40 over the life of the device.

- **Interconnected Alarms*** – When one alarm sounds, they all sound, so you never miss an emergency and can get out faster.
- **Self-testing Alarms**** – For added assurance, internal components ensure alarm is always operating as expected.
- **Simple Installation** – Easy install with included twist-and-click mounting bracket.
- **End-of-life Notifications** – No low battery chirps! This alarm beeps to remind you it's time to replace it 10 years after it is powered.

Installation of Alarm

This model meets the latest residential smoke alarm standards, which includes enhanced resistance to nuisance alarms from cooking. Industry experts recommend that both ionization and photoelectric smoke alarms be installed to help ensure optimal 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

†10-year limited warranty on alarm. Not a battery performance claim. *Different models offer different interconnect options and requirements. Check the User Guide for more info.
**Self-testing is not a substitute for a manual push test of the alarm. Perform a button test once per week to verify proper alarm operation.

with slow smoldering fires) sooner than ionization alarms. Industry experts recommend specific locations for smoke alarms, such as every level and sleeping area of the dwelling. The alarm can be installed on the surface of any wall or ceiling following the UL/NFPA/Manufacturer's recommended placement guidelines, on any standard single gang electrical box, up to a 4"octagon junction box. See User Guide for more location information and additional instructions.

The alarm should be installed to comply with all local codes having jurisdiction in your area, Article 760 of the National Electric Code, and NFPA 72. Make certain all alarms are wired to a single, continuous (non-switched) power line, which is not protected by a ground fault interrupter. A maximum of 1000 ft. of wire can be used in the interconnect system. Use standard UL listed household wire (18 gauge or larger as required by local codes).

A maximum of 24 Kidde devices can be interconnected in a multiple station arrangement. The interconnect system must not exceed the NFPA (National Fire Protection Association) limit of 18 initiating devices, of which 12 can be smoke alarms. With 18 initiating devices (smoke, heat, CO, etc), interconnected, it is still possible to interconnect 6 strobe lights and or relay modules.

Architectural & Engineering Specifications

The alarm shall include a test button that will electronically simulate the presence of smoke and cause the unit to go into alarm. This sequence tests the unit's electronics to ensure proper operation. The unit shall incorporate three LED colors. A green LED will be steady on when AC power is connected, or flash every 60 seconds when in the battery only mode. An amber LED will indicate fault conditions. A red LED will flash in sync with the smoke alarm pattern, and will also indicate alarm memory.

The unit shall include the Hush™ feature that silences a smoke alarm for approximately 8-10 minutes if a nuisance alarm condition occurs. The red LED on the alarm will flash every 2 seconds while in Hush and will automatically reset itself.

At the date of manufacture, the unit shall at a minimum meet the requirements of UL 217, NFPA 72, NFPA 101 (One and two family dwellings), Federal Housing Authority (FHA), and Housing and Urban Development (HUD).

NOTE: This is not a carbon monoxide (CO) alarm, but will receive and transmit a CO alarm signal from an interconnected CO or combination smoke/CO alarm. The carbon monoxide (CO) alarm pattern is four quick beeps repeating every 5 seconds. It is impossible to determine the source of a co alarm using sight or smell. Always consider a CO alarm event as dangerous.

Technical Specifications

Model: Power Source:	SMAC10YFEX
Smoke Sensor:	120V AC, 60 Hz, with 10-year† sealed battery backup
Audio Alarm:	Photoelectric
Temperature Range:	85dB at 10ft
Humidity Range:	40˚F (4.4˚C) to 100˚F (37.8˚C)
Size:	Up to 95% relative humidity (RH), non-condensing
Weight:	5" W x 2" D x 5" H
Wiring:	0.77 lb
Interconnects:	AC wiring, plug-in quick connector
Warranty:	Interconnects with up to 24 Kidde devices. Please see User Guide for list of com patible alarms. This alarm is not designed to be interconnected with other manuf acturer's products, unless otherwise specified.
Replacement Batteries:	10-Year Limited Warranty (battery included)

Replacement Batteries: N/A

Ordering Information

Ordering Number	UPC	GTIN	Pack Config.	Pack Qty	Case Dimensions (D x W x H inches)	Case Weight (lbs)	Cartons /Pallet
21033087	4787133087 4	1.00479E+13	Box	6	15 x 6.3 x 6.06	5.08	108

1016 Corporate Park Drive, Mebane, NC 27302   1-**800-880-6788**   **Kidde.com**
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Documents / Resources

FIREX SMAC10YFEX Interconnected Alarm and LED Warning Lights [pdf] Owner's Manual SMAC10YFEX Interconnected Alarm and LED Warning Lights, SMAC10YFEX, Interconnected Alarm and LED Warning Lights, Alarm and LED Warning Lights, LED Warning Lights, Warning Lights, Lights

References

- ⚠ **Kidde Fire Safety Products and Education | Kidde**
- **User Manual**