120V AC
Direct Wire

FIREX® Smoke Alarm

Hearing Impaired Kit

Item: 242

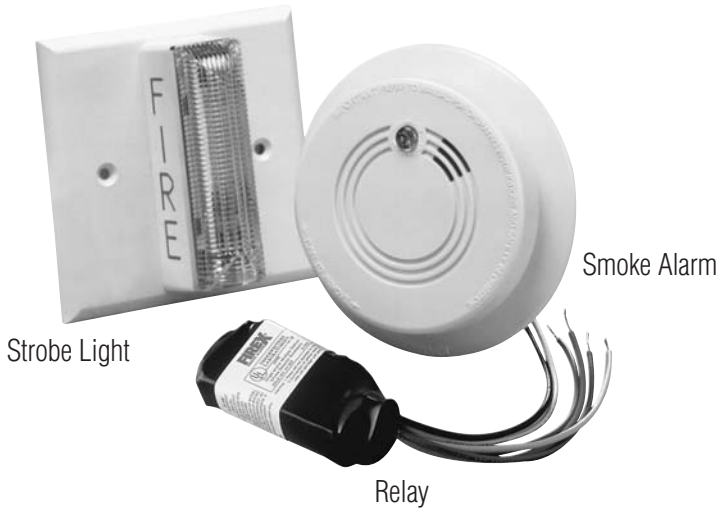
Why Install a FireX® Hearing Impaired Kit?

FireX Hearing Impaired Kits provide contractors and specialized application users with the reliable and trouble free performance they expect from FireX. They meet all local and national building code requirements including, but not limited to UL 1971, Signaling Appliances for the hearing impaired. With installer-focused innovations such as Quick Connect™ wiring harness, gasketless mounting as well as state-of the-art production testing equipment, FireX smoke alarms have earned their reputation as the most preferred smoke alarms among contractors.

Description

The FireX® 242 Hearing Impaired Kit features a FireX 41216 120V AC Smoke Alarm, 499 FireX Relay Module, 240 strobe light (177 candela), and a wiring instruction sheet. The 41216 Smoke Alarm has an 85 decibel horn, test switch, lighted power/alarm LED indicator, and a Quick Quiet™ False Alarm Control to stop nuisance alarms. The 240 strobe light utilizes a Xenon flash tube which generates a high-intensity light, visible from all sides of the lens. The 240 Remote Strobe is intended to provide a visible notification signal for the purpose of life safety and property protection.

The 41216 Smoke Alarm mounts to any single or 4" octagon junction box or square-to-round drywall ring and has a 7" long Quick Connect™ wiring harness for easy connection.
The 242 Hearing Impaired Kit is ideal for hotels, apartments, hospitals, assisted living homes or whenever visible alarms are required.



Features and Benefits

Meet the growing demand for smoke alarms for the hearing impaired.

Exceeds UL Standard 1971 "Signaling Devices for the Hearing Impaired" and ADA (American Disabilities Act) "Standard for Visual Alarms".

Allows for the remote placement of strobe light for maximum effectiveness.

Each kit contains all of the components necessary to install a smoke alarm/signaling device ideally suited to the needs of the hearing impaired.

An ISO 9001 – 2000 Certified Company

SIGNALING UL LISTED

5 Year Limited Warranty

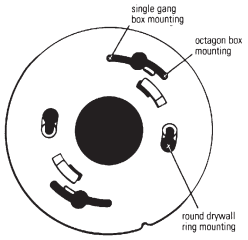
120V AC
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FIREX® Smoke Alarm

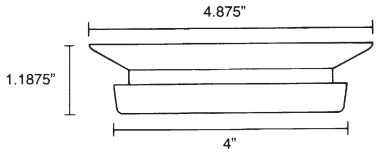
Hearing Impaired Kit

Smoke Alarm

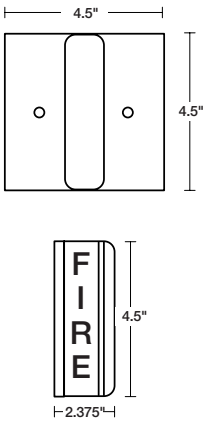
Mounting Brackets



Side Views



Strobe



Shipping Specifications

Individual Carton Dimensions	6-5/16" x 5-1/4" x 6-1/2"
Master Carton Quantity	1
Master Carton Dimensions	6-5/16" x 5-1/4" x 6-1/2"
Master Carton Weight	1.30 lbs.

Ordering Data

Item No.	Kit Includes	Agency Listing	Packaging
242	41216 Smoke Alarm-Model GC, 499 Relay, and 240 Strobe	UL	carton

Technical Specifications

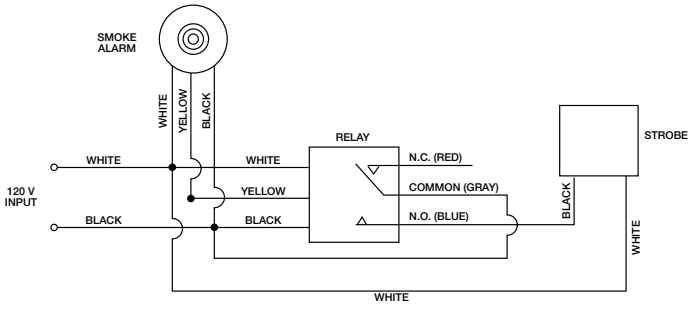
Product Weight	1.3 lbs.
Operating Temperature	40°F to 100°F (4°C to 38°C)
Interconnect Qty.	Up to 6 accessories in addition to 18 alarms. This signaling device can be used only with the following FireX smoke, Smoke/CO, and CO alarms: 406 (model G-6), 418 (model G-18), 484 (model PG-40), 5000 and 4618 (model FADC), 4518 (model ADC), 4418 and 1018 (model AD), 4121 (model GC), 4480 (model PAD), 12000 (model FADCM), 12400 (model GCM), 10000 (model COE), 10400 (model COEA). These are low-voltage interconnect alarms with a yellow interconnect wire.
Electrical Rating	120V AC, 60Hz, 264mA max.
Alarm Point	1.1±0.47%/ft. obscuration
Horn Output	85 decibels at 10 feet
Listing	UL 217
Detection Type	Ionization
Humidity Range	10% to 93% relative humidity

Installation

This smoke alarm should be installed in accordance with the NFPA's Standard 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269) and any local codes that apply.

For the AC and AC/DC direct wire smoke alarms, use #18 AWG minimum solid or stranded wire. When interconnecting, maximum wire length between any two is 1,500 feet for #18 AWG or 4,000 feet for #14 AWG (20 OHMS loop resistance).

DO NOT connect to any other type or model of heat or smoke alarm. Connect smoke to a single AC branch circuit. If local codes do not permit, be sure the neutral wire is common to both phases.



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