

SUPER PASS II™ Features



1. Alarm Button
2. Reset Buttons.
3. Grip Clip and "D" Ring.
4. LEDs illuminate the case during 'sensing' 'pre-alarm' and full alarm modes.
5. Sound resonating.

SUPER PASS II™ Specifications

Dimensions: 2-1/8" wide by 3-1/8" high by 1-5/8" deep not including Grip Clip.

Weight: Seven ounces with battery (without key).

Alarm Audio Output: 98+ dBA minimum measured at 10 feet.

Motion Sensor: Solid State Accelerometer.

Case: Rugged, high temperature, impact resistant, translucent polycarbonate plastic.

Sound Discernibility: 6 dBA against background noise.

Battery: 9 Volt alkaline battery Duracell MN 1604 recommended. Provides over 100 hours in 'Sensing' mode.

Certifications: Intrinsically Safe UL 913, for use in Class 1, Division 1, Groups A, B, C, & D hazardous locations.

Warranty: One year from date of purchase.

SUPER PASS II™ The Smallest, Lightest, Loudest Stand-Alone PASS

- ◆ Auto-On Activation
- ◆ Certified Intrinsically Safe
- ◆ No SCBA Required for Use
- ◆ Bright Highly Visible Status Indicators
- ◆ Motion Sensing
- ◆ Temperature Sensing Model Available
- ◆ Made in U.S.A.



Photo courtesy of John Guyton, Freelance Photographer

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QUALITY SYSTEM
REGISTERED TO
ISO 9001-2000

GRACE
INDUSTRIES, INC.
Solutions for Life Safety

SUPER PASS II™

Designed to meet the Life Safety Needs of the Firefighter

AUTO ON

Super PASS II™ is the first of the 'Auto On' series of Personal Alert Safety Systems (PASS) from Grace Industries, Inc. The 'Auto On' feature provides the next level of assurance that PASS are not only worn, but are turned on 'Automatically' when removed from the "Storage" position.

ACCOUNTABILITY / STORAGE KEY

When removed from the "Storage" position, the Super PASS II™ Accountability Storage Key automatically pops off, putting the unit into the "Sensing Mode". When Super PASS II™ turns ON, a unique series of loud audio tones will be heard. These audio tones indicate initial operational status and are followed by a visual wig-wag display of bright yellow LED lights.

LACK OF MOTION ALARM

When there is lack of motion for approximately 18 to 23 seconds, the unit will go into "Pre-Alarm" mode and announce an audible "Pre-Alert" signal. In "Pre-Alarm", the yellow wig-wag display is replaced by intermittent pulsing of four red L.E.D.s accompanied by a sweeping "Pre- Alarm" audio signal which becomes progressively louder. The longer the unit is in "Pre Alarm", the louder the sweeping "Pre Alarm" signal becomes, signifying the PASS is closer to the full "Alarm" mode.

After lack of motion lasting approximately 30 to 35 seconds, Super PASS II™ will go into "Alarm" mode. When in "Alarm", the "Pre Alarm" display is replaced by the a rapid pulsing of four red L.E.D.s, which is accompanied by a loud audio "Alarm" signal that varies in pitch. This feature is invaluable for recognizing downed firefighters. Once in "Alarm", reset the unit by pressing both side buttons simultaneously.

MANUAL ALARM

While in the "Sensing" mode, the Super PASS II™ may be put into the "Alarm" at any time by manually pressing the "Alarm" button located on the front surface of the unit. To reset the unit, press both side button simultaneously. To turn Super PASS II™ Off, replace the Accountability Storage Key, and press both side buttons simultaneously.

TEMPERATURE SENSING

SUPER PASS II™ is also available with temperature sensing.

Approximate response times for optional temperature alarm*

Environment Temperature	Alarm Response Time
350° F	6 Minutes
300° F	8 Minutes
250° F	10 Minutes
200° F	12 Minutes

* Response times listed are approximate due to the variance of environment factors and the thermal heat sensing system.

ACCOUNTABILITY KEY



The Accountability Storage Key is an added benefit of Grace Industries' Super PASS II™. The clear Identification Window provides the opportunity to specifically identify the user through the ability to personalize the keys with photos, names, numbers, department ID, bar-codes, etc. The clear access window easily snaps into place to protect the enclosed information and provide instant access for rapid identification. Replacement keys are available.

ACCOUNTABILITY KEY COMPONENTS

Clip, Buckle and 6' Tether to anchor unit to a fixed storage position.

ID Window

Tether

- ◆ Clips for easy attachments
- ◆ Identification Window
- ◆ Tether comes in 4', (6' standard length), 8', 10' and 15' lengths
- ◆ Tether comes in black (standard) Green, Red or Blaze Orange.

Shown Actual Size