SUPER PASS®II Features

1. LEDs illuminate the case during **Sensing, Pre-Alarm** and **Full Alarm** modes.
2. Reset Buttons.
3. Alarm Button
4. Grip Clip and 'D' Ring.
5. Sound resonating ports.

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 up to 100 hours in **Sensing** mode.

Certifications:
Meets ATEX 94/9/EC
⟨Ex⟩ II 1 G, EEx ia IIC T4

Warranty: One year from date of purchase.

GRACE INDUSTRIES, INC.
Solutions for Life Safety

305 Bend Hill Road
Fredonia, PA 16124 USA
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www.graceindustries.com

QUALITY SYSTEM
REGISTERED TO
ISO 9001-2008

SUPER PASS® II

SMALLEST, LIGHTEST, LOUDEST, STAND-ALONE PASS

- *Meets ATEX 94/9/EC*
- *Auto-On Activation*
- *No SCBA Required for Use*
- *Bright Highly Visible Status Indicators*
- *Motion Sensing*
- *Temperature Sensing Model Available*

MADE IN USA

Flashing LEDs when in Alarm

GRACE INDUSTRIES, INC.
Solutions for Life Safety

SUPER PASS®II

Designed To Meet Life Safety Needs of Firefighters and Personnel Working In Hazardous Occupations

AUTO ON Super PASS®II is an **Auto On** Personal Alert Safety System (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 a **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 alternating 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 annunciate an audible **Pre-Alert** signal. In **Pre-Alarm**, the yellow alternating display is replaced by intermittent pulsing of four red LEDs 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 full **Alarm** mode.

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

MANUAL ALARM While in the **Sensing** mode, Super PASS®II may be put into **Full Alarm** at any time by manually pressing the **Alarm** button located on the front surface of unit. To reset 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 SuperPASS®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.

Eng. Co. 76
DAVIS

ID Window

Tether

Shown Actual Size

The Accountability Storage Key is an added benefit of Grace Industries' Super PASS®II. A clear Identification Window provides the opportunity to specifically identify the user through the ability to personalize 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 3' Tether to anchor unit to a fixed storage position.

- Clips for easy attachments
- Identification Window
- Tether available in, 3' (standard length), 4', 6', 8' and 10' lengths
- Tether available in black (standard), Green, Red or Blaze Orange.