

▶ **Bodyguard® 1000**

Personal Alert Safety System (PASS)



Technical specifications

Designed to protect life by alerting the team when its user becomes motionless or is in distress, the **Bodyguard® 1000** emits clear and distinctive signals and alarms to ensure quick and effective recognition, even in the worst conditions.

Weight: 230 g (with batteries)

Dimensions: H x W x D 100 x 70 x 40 mm

Upper frequency: 2900 (± 200) Hz

Alarm: 102 – 112 LAeq, 30s dBA

Pre-Alarm: 86 – 102 LAeq, 6s dBA

Battery: CR123 Panasonic Lithium (2 batteries)

Operating time:

At least 12 months normal use

Certifications:

EN 137:2006 Type 2; BS 10999:2010; ATEX I1M / II1GD Ex ia I / IIC T4



Operating principle

▶ Simple to use and easy maintenance

The **Bodyguard® 1000** is free of periodic maintenance, with only battery replacement to plan when required. Thanks to its easy-to-use functionality, the **Bodyguard® 1000** features a straightforward push button functionality to ensure simple operation, even whilst wearing gloves. The unit will perform an automatic full "self check" upon start up. Accidental switch off during use is eliminated by the options of a tally key insertion or two-button push, depending on the operating mode.

▶ Compatible with all SCBAs

With optional alligator clip or securing clamp, the **Bodyguard® 1000** can be quickly and securely fitted to any SCBA, in any position, whether at the shoulder, waist or on a backplate.

▶ New high profile audible and visual alarms

After a nominal 25 seconds without motion and a further 8 seconds without cancellation, the **Bodyguard® 1000** will emit a directional full alarm to assist the fast location of its user in distress. Motion sensor timing can be configured according to preference using the RFID PC Link Module and a PC. In addition the high visibility twin fascia LEDs enable location in conditions of poor visibility. Continuous low frequency flashing blue lights allow easy location of team members during normal activities, and allow team members to remain visible to one another.

▶ Data logging of incident history

The **Bodyguard® 1000** comes with full data log functionality allowing the downloading of incident history using RFID PC Link Module and a Windows based Software Package.

▶ Choice of operating modes

The device comes with a choice of operating modes, with either button operation or tally key operation for management of control applications.

▶ Temperature control during operation

The **Bodyguard® 1000** is equipped with a thermal alarm that is triggered when the ambient temperature rises rapidly or exceeds safe working levels, making it unsafe for the user to remain in that environment.