



motionSCOUT

Next Generation Stand-alone Personal Alert Safety System

The next generation of stand-alone personal alert safety systems motionSCOUT detects the cessation of bodily movement and activates an automatic alarm. For enhanced safety the alarm can be activated manually also.

motionSCOUT is extremely simple to use. The sensitive, electronic motion sensor recognises all normal body movements. Maintenance-free and durable motionSCOUT guarantees a great cost-performance-ratio.

Technical Details

Weight	225 g (incl. battery)
Dimensions	100 x 75 x 45 mm (H x W x D)
Ingress protection	IP 67
Frequency	2.6 – 3.0 kHz
Function indicator	bi-colour LED
Alarm	95 dB at 3 m; 2 ultra bright LEDs
Pre-alarm	2 signals/second at reduced noise level
Full-alarm	3 signals/second at maximum noise level
Battery	2 AA cells
Battery life	> 200 hours operating time; 10 hours alarm time
Warranty	2 years (excluding battery)

Approvals

ATEX II 1G EEx ia IIC T3/T4; I M1 Ex ia I; IECEx Zone 0 Ex ia IIC T3/T4 –20 °C to +55 °C AUS/NZ N10132 GA 401-2002
Tests
EMC (2004/108/EC): EN 61000-6-2, EN 61000-6-3 MIL-STD-810E Flame engulfment acc. EN 137 EN 60529 (IP 67) JCDD/38 (for UK) Corrosion: EN 60068-2-11

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- Highly visible red LEDs
 - Sensitive electronic motion sensor
 - Clear and intuitive to use
 - Bi-colour LED indicating status & low battery
 - 95 dB alarm for >10 hours sound
 - Robust, easy-to-grip design
 - Integrated gasket
 - Rugged suspension clip
 - IP67 watertight
 - Maintenance-free

Various Versions

There are various versions of the motionSCOUT to suit a number of operations. The key version (switch ON by pulling out the key) improves accountability. In the incident centre where all keys are collected at a central location (e.g. using the tally board MSA CONTROL E 10050271).

Thus the incident centre has control over the number of persons in action at all times and can search for possible injured users faster and more effectively.

The temperature sensor in the motionSCOUT T triggers when the operational temperature range has been exceeded. This provides additional safety for the user.

The manual alarm reset function gives you an additional tactical function where needed.



Applications

motionSCOUT is not just highly suitable for Fire and Rescue operations, but also urban search and rescue, tunnel surveying and many more industrial applications.

In general, it is suitable whenever a person may be entering or working in a potentially dangerous environment. Especially suited in industries where people may be required to work alone. For example, tank cleaning, in high rack warehouses or in silos motionSCOUT provides personal safety without compromise.



Easy Operation

With two buttons the operation is very simple and intuitive. The large button is to activate the manual alarm and the smaller button to turn the unit on. For additional safety the motionSCOUT can only be turned off when pushing both buttons simultaneously.

A bi-colour LED clearly shows the readiness of the unit, green proving the functionality and red for low battery indication.



Robust Design

The motionSCOUT design is compact, robust and watertight (IP67) and is built to withstand the toughest applications. The integrated gasket between the upper and lower housing ensures a watertight seal even when the batteries have been changed.

With the rugged suspension clip, motionSCOUT can be easily and securely attached to either shoulder strap or hip belt.

Distinctive Alarm System

The superior alarm system consists of a distinctive audible alarm of 95 dB at 3 m and superbright LEDs. In the event of non-motion, the pre-alarm sounds after ~25 seconds with a reduced sound volume. After a further 15 seconds of non-motion, the full-alarm sounds.


Low-Cost Of Ownership

motionSCOUT is maintenance-free, only needing to replace the standard and cost effective AA batteries when required. The operating time is extremely high being > 200 hours, same as the alarm time of 10 hours continuous sound.





MARK SAFETY APPLIANCES

 **Regd. Office, Warehouse & Workshop:**
Plot No. 92, 93, Shah Industrial Park-3 at Kotambi,
Pin Code 391510, Vadodara-Halol Highway,
Dist. Vadodara, Gujarat, India.

 02668 299065  info@marksafety.com

 www.marksafety.com



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