

## Dräger Bodyguard® II Warning Device

The Dräger Bodyguard® II is a fully electronic signal and warning unit for use with compressed air breathing apparatus and closedcircuit breathing apparatus. Combining a host of previously separate warning and monitoring devices into a single and simple to use instrument, the Bodyguard II is an ideal monitoring and safety solution for any first responder.



## Benefits

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### One Device - Multifunctions

The Bodyguard II combines a distress signal unit, pressure gauge, air time remaining readout, temperature sensor and data logger in a single device. At a glance the user can understand his/her air supply and environmental status in dangerous surroundings, whilst still maintaining full concentration on the task in hand.

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### Easy Operation

Combining large buttons, a backlit display, two display modes (digital and analogue) and built-in motion sensors make the Dräger Bodyguard II a simple and easy device to operate, even with full firefighting clothing donned.

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### Continuous Data Monitoring

Pressure, air time remaining and temperature are continuously monitored, with critical alarm alerts (audible/visual) set to user defined levels operating independantly of one another. All data is automatically logged in the Dräger Bodyguard II, allowing post incident analysis for training purposes and incident investigations.

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### Integrated PASS

The Dräger Bodyguard II has an integrated PASS device within its single unit housing, further enhancing firefighter safety. With a built in motion sensor and a manual "panic" button the device can be activated automatically (during a period of non-motion) or manually in emergency situations, producing both audible and visual alarms to alert colleagues.

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### Telemetry Ready

The Dräger Bodyguard II is supplied enabled to support the PSS Merlin Telemetry system. With no modifications nor firmware updates necessary, the upgrade to a full telemetry system is quick and easy. Once upgraded, the Dräger Bodyguard II with the PSS® Merlin Telemetry allows remote monitoring of the key SCBA statistics, allowing early deployment of rescue teams should an emergency scenario arise.

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### Flexible and Configurable

Using our simple Windows based software, the Bodyguard II can be configured (via the IR communication port) to a user's defined setting for alarm activation, for each of the inherent functions of the device. This flexibility allows the Dräger Bodyguard II to be implemented into any standard procedures with the minimum of training, enhancing the user's personal safety and the Fire Brigade's overall safety procedures.

## System components



D-31462-2011

### Dräger PSS® BG 4 plus

Designed especially for tough missions: The Dräger PSS® BG 4 plus closed circuit breathing apparatus combines uncompromising safety with the highest level of breathing and carrying comfort. The unit supplies the wearer with up to 4 hours of breathing air, even in toxic atmospheres.



D-53717-2012

### Dräger PSS® Merlin® System

The Dräger PSS® Merlin® Telemetry System offers a precise overview of the status of respiratory equipment wearers. The vital status information is communicated directly between the entry control point and the wearer. Technology, which supports the incident, significantly increases safety and protects the lives of your breathing apparatus wearers.

## Accessories

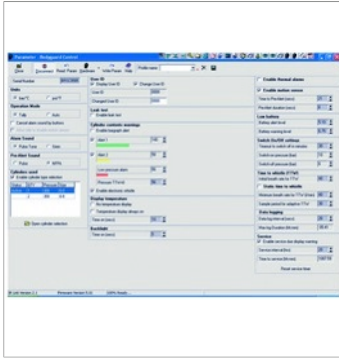


ST-2408-2003

### DRÄGER PSS MERLIN TELEMETRY SYSTEM

The PSS Merlin is a fully automatic, electronic Entry Control System (ECS) incorporating a control board, the Dräger Bodyguard II and a portable radio unit. The system allows the exact status of up to 12 team members to be monitored simultaneously from a safe position outside the incident.

## Accessories



D-22384-2010

### DRÄGER BODYGUARD II IR LINK SOFTWARE

This PC windows based software enables the user to tailor Dräger Bodyguard II to allow optimal use of its many features.

## Related Products



ST-6168-2007

### Dräger Bodyguard® 7000

The Dräger Bodyguard® 7000 is an electronic monitoring unit which provides continuous monitoring of personal information and operational status of the Dräger PSS® 7000 and PSS® 5000 self contained breathing apparatus.



D-57238-2012

### Dräger Bodyguard® 1500

Dräger Bodyguard® 1500 is an automatic wireless PASS system which increases wearer safety in potentially hazardous situations. The system draws attention to colleagues in distress by generating distinctive visual and acoustic alert signals and features wireless data transmission from the pressure gauge to the PASS device.

## Related Products



D-38263-2/015

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### Dräger Bodyguard® 1000

Designed to protect life by alerting the team when a wearer becomes motionless or distressed, the Dräger Bodyguard® 1000 emits clear and distinctive signals and alarms to ensure quick and effective recognition, even in the worst environmental conditions.

## Technical Data

### Dräger Bodyguard® II

Weight	410 g incl. battery
Dimensions (H x W x D)	200 x 70 x 42 mm (excluding whistle)
Battery	9 v alkaline, 100 hrs normal operation
ADSU main alarm	102 – 112 dBA measured at 250 mm (JCDD 38 revision)
Pneumatic Whistle Sound Level	> 90 dBA

### Approvals

Breathing Apparatus	EN 137 2006 Type 2, vfdb 0802
Automatic Distress Signal Unit (ADSU)	JCDD 38
Intrinsic Safety	EN 50014 - EEX ia IIC T4, EN 50020 (Mining) - EEX ia I
Electromagnetic compatibility	30 v/M, exceeds EN61000-6-2
Radiation Immunity	EN 50082-2
Radiation Emissions	EN 50081-1

## Ordering Information

### Dräger PSS® 90 Bodyguard II

Dräger PSS 90 Bodygard II Button (scs)	3351293
Dräger PSS 90 Bodygard II Button (tcs)	3351292
Dräger PSS 90 ChargeAir Bodyguard II Button (tcs)	3353895
Dräger PSS 90 Bodyguard II Tally (scs)	3351296
Dräger PSS 90 Bodyguard II Tally (ucs)	3351297

### Dräger PSS® 7000 Bodyguard II

Dräger PSS 7000 with Bodyguard II (scs)	3355802
Dräger PSS 7000 with Bodyguard II Tally (scs)	3355804
Dräger PSS 7000 with Bodyguard II (tcs)	3355931
Dräger PSS 7000 with Bodyguard II Tally (tcs)	3355932
Dräger PSS 7000 with Bodyguard II Tally (scs) Cylinder Quick Connect	3356544
Dräger PSS 7000 with Bodyguard II (tcs) Cylinder Quick Connect	3356546

### Bodyguard® II Upgrades

Dräger Bodyguard II - Tally	3350820
Dräger Bodyguard II - Button	3350821
Dräger Bodyguard II and hose - Tally	3351425
Dräger Bodyguard II and hose - Button	3351426
Dräger Bodyguard II Pneumatics Upgrade - Tally	3351427
Dräger Bodyguard II Pneumatics Upgrade - Button	3351340

### Accessories

Protective lens covers	3351366
Application fluid dispenser (pack of 4)	3310742
Application fluid (XL Refill)	3310741
IR Link II Software CD Kit	3351342

## Notes

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## Notes

### CORPORATE HEADQUARTERS

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