

# High security with personal emergency signal



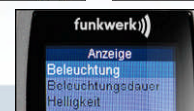
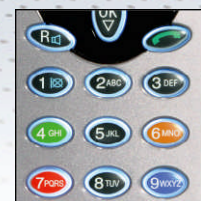
## funkwerk FC4 S Ex

### DECT™ Industrial personal emergency signal handset



#### Highlights:

- ▶ **4 will-dependent alarms:**  
pressure (1 + 2), warning (1 + 2)
- ▶ **4 will-independent alarms:**  
Position, no-motion, time and loss
- ▶ **Localisation** with inductive localisation transmitters (fine) and DECT base stations (rough)
- ▶ **Warden control function** with IOS display
- ▶ **Explosion protection:** gas zone 1, dust zone 11, IP65
- ▶ **Colour display** with 65,536 colours, shatterproof integration
- ▶ **Illuminated keys** with coloured menu hotkeys
- ▶ **20 MIDI ring tones** and **8 signal tones**  
Volume up to 92 dB
- ▶ **Individual signalling** for internal, external and message (tone type, volume, duration, vibration)
- ▶ **Hotkey for local telephone directory** with 500 entries and temporary muting
- ▶ **Self-replaceable, screw-on Li-Ion-battery** with exact level indicator
- ▶ **Loudspeaker** for handsfree talking



## funkwerk FC4S Ex DECT™ Industrial personal emergency signal handset

With the new funkwerk FC4S Ex handset, Funkwerk Security Communications introduces the next generation of robust industrial personal emergency signal handsets with integrated voice and data communication, based on DECT™ and offering explosion protection.

The alarm sensors can be freely parameterised for all applications and, along with the highly accurate IOS - localisation, enable taking well-aimed rescue action quickly in emergencies. The loud signalling allows finding persons even in industrial environments and the automatic handsfree talking function enables calming down victims.

The high-resolution, illuminated colour display, the newly designed symbol-based user interface and the keys including coloured menu keys which are also illuminated make operating the FC4 extremely easy and a pleasure.

The battery can be changed by the user and offers state-of-the-art power management; the manifold configuration options for operation and signalling, messaging functions as well as extensive call lists make the FC4 series handsets extremely ergonomic, thus adding safety for operation and information.

\*) Without clip 24 mm

\*\*) With/without idle display illumination

\*\*\*) Depending on the selected ring tone, therefore also suited for loud environments



**BG-Zertifizierung**

(techn. Prüfung pos. abgeschlossen)



| Technical data of funkwerk FC4S Ex DECT™ personal emergency signal handset |                                      |  |
|--|--------------------------------------|--|
| Dimensions   | (LxWxH in mm)                        | approx. 168 x 47 x 35 mm*                                  |
|  | Weight (with battery)                | approx. 155 g  |
| Degrees of protection and temperature ranges                               | Explosion protection zones 1 and 11: | Gas acc. to ATEX 94/9/EG:<br>II_2_G_Ex_ib_IIC_T4           |
|  |                                      | Dust acc. to ATEX 94/9/EG:<br>II_2_D_EX_ibD_21_T125°C_IP6X |
|  | IP degree of protection:             | IP65 (jet-proof and dust-tight)                            |
|  | Operating temperature range:         | Operation: -10... +55 °C                                   |
| Power supply:  | Li-Ion-replaceable-battery           | 3.7V / 650 mAh (screw-on)                                  |
|  | Charge time:                         | approx. 5 hours  |
| Battery service life   | Standby:                             | 25 - 100 hours.**  |
|  | Continuous conversation:             | 10 - 15 hours.**   |
| DECT™-HF:  | Frequency range:                     | 1.88 ... 1.9 GHz   |
|  | Transmit power                       | Mean value 1 mW<br>Peak value 250mW                        |
| Acoustic:  | Acoustic signalling:                 | 80 - 92 dB SPL ***<br>at a distance of 30 m                |
|  | Loudspeaker:                         | at the rear  |
|  | Handsfree talking:                   | very good voice quality                                    |
|  | Vibration alarm:                     | additional or muted signalling                             |
| BG certification acc. to.:   | BGR139 / VDE V 0825/1                | currently in BG certification process                      |

### Accessories for funkwerk FC4S Ex

|                        |  |
|------------------------|--|
| Chargers and batteries | Single charger DC4 S/Ex standard plus plug-in power supply unit                            |
|                        | Single charger DC4 S/Ex plus (with second battery charging) plus plug-in power supply unit |
|                        | Replaceable battery  |
| Bags                   | Leather bag, quiver with a belt loop   |
|                        | Protective bag, closed with window   |
| Software               | Mem-Card tool for Windows 2000, 2003, XP and Vista including USB card reader               |

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