

High security with personal emergency signal



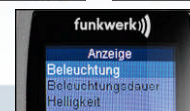
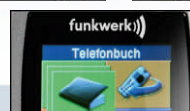
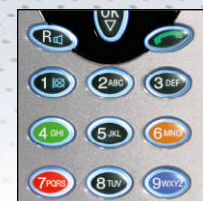
funkwerk FC4 S Ex

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



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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: II_2_G_Ex_ib_IIC_T4 Dust acc. to ATEX 94/9/EG: 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 Peak value 250mW
Acoustic:	Acoustic signalling:	80 - 92 dB SPL *** 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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