funkwerk)))
security communications

High security with personal emergency signal

funkwerk FC4 S Ex

DECT™ Industrial personal emergency signal handset

Highlights:

▶ **4 will-dependent alarms:** Emergency call (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 21, 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)

▶ **Hotkeys** for local telephone directory with 500 entries and temporary muting

▶ **Self-replaceable, screw-on Li-ion battery** with exact level indicator

▶ **Loudspeaker** for hands-free talking

Quality made in Germany

funkwerk FC4 S Ex

DECT™ Industrial personal emergency signal handset

funkwerk))) security communications

With the new funkwerk FC4 S 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 paramaterised 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 hands-free 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.

Technical Data DECT™ handset funkwerk FC4 S Ex

Size	Dimensions (L x W x H)	Approx. 168 x 47 x 35 mm*
	Weight (with battery)	Approx. 133 g
Degrees of protection and temperature ranges	Explosion protection zones 1/21	Gas according to ATEX 94/9/EC: II 2 G Ex ib IIC T4
		Dust according to ATEX 94/9/EC: II 2 D EX ibD 21 T125°C IP6X
	IP degree of protection:	IP65 (jet-proof and dusttight)
	Temperature range:	Operation: –10 – +55 °C
		Battery charge: +5 … +40 °C
		Storage (short-time): –25 … +55 °C
Power supply	Removable Li-ion battery	650 mAh (screw-on)
	Charge time:	Approx. 5 hours
Battery life	Standby:	32 – 150 hours**
	Continuous conversation:	12 – 17 hours**
DECT™ HF	Frequency range:	1.88 … 1.9 GHz
	Transmit power:	Average value 10 mW
		Peak value 250 mW
Acoustics	Acoustic signalling:	80 – 92 dB SPL at a distance of 30 m
	Loudspeaker:	At the rear
	Hands-free talking:	Very good voice quality
	Vibration sensor:	Additional or muted signalling

Accessories for funkwerk FC4 S Ex

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

*)   Without clip 24 mm
**)   With/without idle display illumination
***)   Depending on the selected ring tone, therefore also suited for loud environments

Funkwerk Security Communications GmbH
John-F.-Kennedy-Strasse 43-53
D-38228 Salzgitter

Phone: +49-5341 - 22 35-0
Fax: +49-5341 - 22 35-709

www.funkwerk-sc.com