

Security on a New Level.



funkwerk FC4 Ex

DECT™ Industrial handset

Highlights:

- ▶ Explosion protection: gas zone 1, dust zone 21
- ▶ Degree of protection: IP65
- ▶ Colour display with 65,536 colours, shatterproof integration
- ▶ Newly designed graphic user interface
- ▶ Illuminated keys, non-abrasive, with coloured menu hotkeys
- ▶ 20 MIDI ring tones, volume up to 92 dB
- ▶ Individual signalling for internal, external and message (tone type, volume, duration, vibration, with temporary muting)
- ▶ Hotkeys for local telephone directory with 500 entries
- ▶ Self-replaceable, screw-on Li-Ion battery with exact level indicator
- ▶ Diversity DECT antenna for better connection
- ▶ Loudspeaker for handsfree talking



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DECT™ Industrial handset

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.

As the successor of the tried-and-tested FC1 series, the FC4 series handsets integrate perfectly in all existing Funkwerk DECT systems.

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.

Certification for explosive working areas complies with the European ATEX regulations.

Technical Data DECT™ handset funkwerk FC4 S Ex

Size:	Dimensions (L x W x H)	approx. 141 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 dust-tight)
	Temperature range:	Operation: -10 ... +55 °C
Power supply:	Li-Ion replaceable battery	650 mAh (screw-on)
	Charge time:	approx. 5 hours
Battery service life:	Standby:	32 – 150 hours**
	Continuous conversation:	12 – 17 hours**
DECT™ HF:	Frequency range:	1.88 ... 1.9 GHz
	Transmit power:	Mean value 10 mW Peak value 250 mW
Acoustics:	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

Accessories for funkwerk FC4 S 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 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

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