

Security on a new level

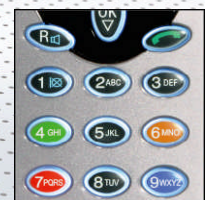
funkwerk FC4 Ex

DECT™ industrial handset



Highlights:

- ▶ Explosion protection: gas zone 1, dust zone 11
- ▶ Degree of protection IP65
- ▶ Colour display with 65,536 colours, shatterproof integration
- ▶ Newly designed **graphic user interface**
- ▶ **Illuminated keys**, non-abrasive, with colour hotkeys for menus
- ▶ **20 MIDI ring tones**, volume up to 92 dB
- ▶ **Individual signalling** for internal, external and message (tone type, volume, duration, vibration with temporary muting)
- ▶ **Hotkey 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 Ex handset, Funkwerk Security Communications introduces the next generation of robust industrial handsets with integrated voice and data communication, based on DECT™ and offering explosion protection.

As the successor of the successful 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 of funkwerk FC4 Ex DECT™ handset

Dimensions	(LxWxH in mm)	approx. 141 x 47 x 35 mm*
	Weight (with battery)	approx. 133 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)
	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
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

*) Without clip 24 mm

**) With/without idle display illumination

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

Accessories for funkwerk FC4 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



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