

The handset with explosion protection

DECT Handset FC4 ATEX (FC4 Ex)

The new ATEX DECT handset FC4 Ex marks Funktel's latest development in intrinsically safe, robust industrial handsets with DECT-based integrated voice-data communication and explosion protection.

The high-resolution, illuminated color display, the newly designed symbol-based user interface and the keys including colored 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 signaling, messaging functions as well as extensive call lists make the FC4 series handsets extremely ergonomic, thus adding safety for operation and information.

Features :

- Explosion protection: gas zone 1 and 2
- Compatibility: GAP, I55/I33, DoIP
- Degree of protection: IP65
- Color display with 65,536 colors, shatterproof integration
- Newly designed graphic user interface
- Illuminated keys, non-abrasive, with colored menu hotkeys
- 20 MIDI ring tones, volume up to 93 dB
- Individual signaling for internal, external and message
- 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



FC4 Explosion Protected DECT Handset (FC4 Ex)

Technical Data		
Size	Dimensions (L x W x H) :	Environ 141 x 47 x 35 mm*
	Weight (with Battery) :	Approx. 133g**
	Screen :	64k colors, 128 x 128 pixels
Degrees of Protection and Temperature ranges	Explosion protection: gas zone 1 and 2	ATEX 2014/34/EU: II 2 G Ex ib IIC T4
	IP Protection Class :	IP65
	Operating temperature:	Handset : -10 ... +55°C Charger : +5 ...+40°C
	Storage temperature:	-25 ... +55°C (max. 1 month) 0 ...+25°C (max. 12 month)
Power Supply	Shipping temperature:	-20 ... +60°C (with battery)
	Li-ion battery:	700 mAh
	Charging time:	Approx. 5h
Battery life	Standby:	Up to 150h
	Continuous conversation:	12-17h
DECT	Frequency range:	1,88 ... 1,9GHz
	Transmit power:	Average value 10 mW Peak value 250 mW
Acoustics	Acoustic signalling:	max. 93 dB (A) at 30 cm distance***

*) including clip
**) including battery and clip
***) Depending on the selected ring tone, suitable for use in noisy environments