

# funktel FC4 Ex HS

## DECT Industrial Handset with latest ATEX Certification



- Explosion protection for gas in zones 1 and 2
- Degree of protection: IP 65 (water-jet proof and dust-tight)
- Head-set socket for audio equipment
- Colour display with 65,536 colours, fixed shatter-proof
- Graphical User Interface
- Illuminated keys, abrasion resistant, with coloured menu hotkeys
- 20 MIDI ringtones, high volume up to 92 dB
- Individual signalling for internal, external and messaging alerts: tone, volume, duration, vibration, with temporary muting
- Hot key for local phone book with 500 entries
- User-replaceable, screw-fastened Li-Ion battery with exact status information
- Diversity DECT antenna for optimum connection quality
- Speaker for hands-free operation



Security at a new level

# funktel FC4 Ex HS

## DECT industrial handset with latest ATEX certification

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

As successor to the well-known FC1 series, the FC4 handsets are integrated seamlessly in any existing DECT system.

The illuminated high-resolution colour display, a newly designed symbol-based user interface and the illuminated keypad containing colour function keys make using the FC4 series a child's play.

The battery can be easily changed by the user and offers state-of-the-art power management. Combined with highly individualized configuration of usage, signalling, messaging functions and outstanding communication lists, the FC4 handset is the perfect professional communication tool, resulting in a high level of security, while offering easy operation and exact information.

The FC4 Ex HS is certified for usage within hazardous areas and fulfils the latest European ATEX guideline.



### Technical Data

#### Dimensions

Dimensions (L x W x H):	approx. 141 x 47 x 35 mm*
Weight (including battery):	approx. 133 g

#### Protection classes

Explosion protection zone 1 and 2:	Gas according to ATEX 2014/34/EU: II 2 G Ex ib IIC T4
Degree of protection:	IP 65 (water-jet protected and dust-proof)

#### Power supply

Lithium-ion battery, replaceable:	700 mAh (screw-fastened)
Charging time:	approx. 5 h

#### Battery life

Stand-by:	32 – 150 h**
Talking time:	12 – 17 h**

#### DECT HF

Frequency range:	1.88 ... 1.9 GHz
Transmission power:	Average 10 mW, peak 250 mW

#### Acoustic features

Acoustic signalling:	up tp 93 dB(A)*** within a distance of 30 cm
Speaker:	rear-mounted
Hands-free talking:	very good voice intelligibility
Vibration alarm:	additional or silent alarm

### Accessories for funktel FC4 Ex HS

#### Charger and spare batteries

Single charger DC4 S/Ex Standard, additional plug-in power supply unit
Single charger DC4 S/Ex plus (second battery charger), additional plug-in power supply unit
Spare batteries

#### Cases

Leather case, open design, loop with 2 press-studs
Leather bag, closed design, of hard leather, sturdy industrial design, with metal clip

#### Software

Mem-Card tool for Windows 7, 8 and 10, including USB card reader
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- \*) without clip 141 x 47 x 24 mm  
 \*\*) with or without display illumination  
 \*\*\*) depending on ringtone, suitable for loud environments



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