

Data sheet



Physical

- Size 142 x 56 x 25 mm
- Color grey/darkgrey; steelgrey, front plates in different colors
- CSTN-display with more than 65000 colors, 28 x 35 mm (128 x 160 pixel), white LED backlight
- Front LED for indication of incoming calls and charging status
- Weight: 170 g (incl. battery and clip)

Keyboards

- 3 function keys
- Off hook key
- combined on-hook/power-on/off key
- 4 way navigation
- Numeric book
- Volume + and -

Battery

- Li-Ion type
- Up to 18h speech time (12h w Bluetooth)
- Up to 120h stand-by time (wo screen saver)
- 3h charging time

Interfaces

- Multi-purpose, IP65 classified connector for headset, battery charging and software download/configuration
- Bluetooth (2.4 GHz radio spectrum)
- GAP/CAP compliant DECT, EN 301 406, TBR22
- 1880-1900 MHz frequency range
- GFSK modulation
- Integral antenna
- -93 dBm sensitivity
- Radiated power: 250mW (EU)

Environmental

- Operating temperature: -10 °C to +55 °C (d81Ex -10 °C to +40 °C)
- Storage temperature: -20 °C to +60 °C
- Enclosure protection: IP65, EN60529
- Immunity to ESD: 8 kV contact discharge, 16 kV air discharge (EN61000-4-2).
- Free fall test, standard product: IEC 60068-2-32, procedure 1, dropped 12 times, specification extended to 2 meters
- IEC 68-2-32, procedure 2, dropped 1,000 times from 0.5 meter. Accelerated life test
- d81ex: Intrinsically safe for both gas and dust environments

Audio

- 8-step adjustable ring signal
- 8-step adjustable earpiece of 3dB each
- Max. sound ring signal level: 100 dBspl (90 dBspl for d81Ex) @ 10 cm
- Duplex loud speaking function
- 15 pre-set ring signals + 10 customizable
- Mute button

Supplementary services telephony

- Hold, Retrieve
- Consultation call
- Number display
- Name display
- DTMF tone support

Phonebook

Central phonebook: unlimited no. of entries
Internal phonebook: 250 entries

18 Languages

- Czech, Danish, Dutch
- Englisch, Finnish, French
- German, Greek, Hungarian
- Italian, Norwegian, Polish
- Portugese, Russian, Slovakian,
- Spanish, Schwedish and Turkish
- +1 downloadable

Additional functions

- 9 programmable hot keys
- Call list with 25 last calls
- Automatic answer
- Vibration

Order number d81: **50-00081-001**

Order number d81ex: **50-00081-002**