

# Swissphone DE920

The digital pager for higher demands



## The most important performance features

- > 32 capcodes (128 addresses), frame independent
- > VHF and UHF capability
- > Synthesized
- > IP54 certified (ensured with leather carry bag LH900)
- > 3-line backlit LC Display with large character set
- > Optional IDEA™ 128 bit encryption
- > Optional intrinsically safe model

))) Designed to meet the needs of more demanding users, the DE920 packs a lot of features and functions. Just to mention a few: 32 RIC as well as 9 alerts/user profiles and 1 expansion profile. Profile selection enables the switching on and off of individual RIC. Another new feature: a frequency synthesizer using PLL technology. This offers a high degree of flexibility when adjusting the receiver frequency and thereby improves serviceability.

))) Moreover, the high-contrast 5mm large font display and the easy-to-use 3-button operation with scroll function makes the DE920 one of the user-friendliest devices available. The newly developed ECO mode is also integrated in the DE920's design. In idle state, the pager is set in a sleep mode and the display is switched off. Of course, the pager remains active and ready to receive alarm signals. During ECO mode, reception sensitivity is enhanced and this useful feature further increases the contactability of the user.



# DE920

Performance features	DE920
VHF Frequency bands (MHz)	VHF 81 - 88 MHz (4m band) VHF 138 - 174 MHz (2m band) UHF 400 - 470 MHz (70cm band, on request)
Channel spacing	12.5 / 20/25 kHz
Modulation	DFSK / FFSK (on request)
Sensitivity typical value at 2m UB (best position at «salty man» )	@ baudrate 512 bit/s 3.0 µV/m @ baudrate 1200 bit/s 3.5 µV/m @ baudrate 2400 bit/s 4.0 µV/m
Frequency processing	synthesized PLL (frequency within +/-500 kHz software adjustable)
Number of channels	1
Compliance	TR-BOS (DME II), ETSI EN 300 390
Norms	IEC 60068-2-27 (shock), IEC 60069-2-6 (vibration), IEC 60068-2-32 (drop test), IEC 60529:1991 + A1:2000 (IP 52*) IP54 ensured with leather carry bag LH900
Capcodes (Addresses, RICs)	32
Display	- 3 lines, 16 characters per line - bright back light - strong vibrator with pause intervals - accurate battery status indication, home network identification, message input, call type, alarm clock, time - programmable user information
Alerting	- acoustic > 80dB(A) @30cm distance - 16 beep patterns, programmable per address - message alert always displayed immediately - 9 alerts/user profiles + 1 extension
Miscellaneous	- ideal for operation with left or right hand - date, time and alarm clock functions - on air programming - option IDEA™ 128 bit encrypting - IP54* protection class - temperature range 14F to 131F (-10°C to +55°C) - weight 3.42 oz. (97 g) with battery

Specifications subject to change

Additional information: [www.swissphone.com](http://www.swissphone.com)



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