

Swissphone DE920

The digital PROFI-Pager with even more features and functions



original size

The most important performance features at a glance

32 RIC, each with 4 subaddresses

9 alerts/user profiles plus 1 expansion

longer independent battery operation thanks to ECO mode

3-line backlit LC Display with large character set

IP 54* protection class

Option IDEA® 128 bit encrypting

In addition to the outstanding characteristics and functions of the DE900 model, the DE920 packs even more 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 receiver 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.



Model: Swissphone DE920

Technical data and performance features

Frequency bands:	VHF 4m band VHF 2m band UHF 70cm band	138 - 174 MHz 81 - 88 MHz (on request) 400 - 470 MHz (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")	3,0 µV/m 3,5 µV/m 4,0 µV/m	@ baudrate: 512 bit/s @ baudrate: 1200 bit/s @ baudrate: 2400 bit/s
Frequency processing: Number of channels:	PLL (frequency within +/-500 kHz software adjustable) 1	
Radio paging standard: Adjacent channel selectivity: Co-channel rejection:	POCSAG CCIR RPC No.1 > 60 dB > -8 dB	Spurious response: > 50 dB Intermodulation rejection: > 50 dB Spurious emission: < 2 nW

Compliance/Norms: TR-BOS (DME II), ETSI EN 300 390
IEC 60068-2-27 (shock), IEC 60069-2-6 (vibration),
IEC 60068-2-32 (drop test), IEC 60529:1991 + A1:2000 (IP 52*)

More specifications:

Addresses

- 32 RIC (128 subaddresses) frame independent

Display

- 3 lines, 16 characters per line
- 5mm font
- bright back light
- strong vibrator with pause intervals
- accurate battery status indication, home network identification, message input, call type, alarm clock, time
- 2 selectable languages
- programmable user information

Alerting

- acoustic > 80 dB(A) @ 30cm distance
- 16 beep patterns, programmable per address
- message alert always displayed immediately
- visually-displayed envelope icon
- 9 alerts/user profiles + 1 extension

Alert signal:

- loud tone or vibrator only, selectable

Priority call:

- doubling of alarming tone length. In audio mute mode; signalling is via vibrator followed by tone

Call reminder:

- loud or mini beep, programmable steps

Field strength monitoring:

- visual and audible out of range indication, programmable

Accessories

- holster (contained in the scope of delivery)
- charger with 5-pin socket for relay and BNC-antenna socket
- security chain, leather bag
- programming device with Windows programming software (on request)

Messages

- message comparison for correction
- display mode programmable
- menu function: READ, DELETE, PROTECT

Memory:

- 15 messages of up to 255 characters stored with time and date
- up to 2 message folders and automatic storage tray, altogether 4096 characters storable
- 128 pre-programmed messages of up to 32 characters

Power management

- Type AA Battery
- accurate accumulator/battery status indication

operating time left (regular-mode / ECO-mode):

- dry cell 1.5V up to 850 / 1000 h
- NiMH rechargeable 1.2V / 2000 mAh up to 700 / 800 h
- NiCd rechargeable 1.2V / 600 mAh up to 240 / 300 h

Battery / rechargeable cell monitoring:

- Charging status display indicator

ECO-mode:

- adjustable, status display switched off

Miscellaneous

- ideal for operation with left or right hand
- date, time and alarm clock functions
- On Air programming

Option IDEA® 128 bit encrypting

Housing:

- color: dark grey, black
- dimensions: H x W x D in mm 78 x 53 x 24
in inch 3.1 x 2.1 x 0.95
- IP 54* protection class

Temperature range -10°C to +55°C (14F to 131F)

Weight 97 g (3.42 oz.) with battery

* IP 54 ensured with leather carry bag LH900 (see Swissphone accessories).

Ihr Swissphone - Partner:

Specifications subject to change

