

Swissphone DE900

The digital "POWER-Pager"
for daily use



The most important performance features at a glance

- over 4 months of standby time in ECO mode
- 3-line backlit LC-Display with large character set
- simple 3-button operation
- tone and vibration alarm
- IP 52 protection class

The DE900 was specially developed to meet our clients' needs. Thanks to the high-contrast display, enormous standby time, its ideal size and sturdy construction, the DE900 is the optimal alarming device for any safety organisation.

Easy-to-use 3-button operation combined with intuitive menu navigation ensures safe and effective operation, which is especially important in alarm situations. Alarms can be signalled by audible tone or vibration alarm - your option. Priority alarm calls are always signalled by audible tone regardless of the user setting.

The newly developed **ECO mode** enables trouble-free operating periods in excess of 4 months. 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 DE900

Technical data and performance features

Frequency bands:	VHF 4m band VHF 2m band UHF 70cm band	81 - 88 MHz 138 - 174 MHz 400 - 470 MHz
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:	Quartz	Number of channels: 1
Radio paging standard:	POCSAG CCIR RPC No.1	
Adjacent channel selectivity:	> 60 dB	Spurious response: > 50 dB
Co-channel rejection:	> -8 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

- 8 RIC (32 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 languages selectable
- programmable user information

Alerting

- acoustic > 80 dB(A) @ 30cm distance
- 8 beep patterns, programmable per address
- message alert always displayed immediately
- visually-displayed envelope icon

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)

Specifications subject to change

Messages

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

Memory:

- 15 messages of up to 240 characters stored with time and date
- 32 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 2000 / 3300 h
- NiMH rechargeable 1.2V/2000 mAh up to 1300 / 1700 h
- NiCd rechargeable 1.2V / 600 mAh up to 500 / 800 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

Case:

- colour: 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 52 protection class

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

Weight 120 g (4.23 oz.) with battery

Swissphone partner: