



# Digital receivers For fire brigades and rescue organisations

All of SWISSPHONE's alarm devices are robust, reliable and adhere to the strictest international requirements and standards. SWISSPHONE offers the most appropriate solution for each and every client.



# SWISSPHONE DE 900

## Excellent quality and exclusive design

The SWISSPHONE DE900, the newest device from SWISSPHONE, features an attractive design and simple operation. With its loud beeper and strong, interval vibration the SWISSPHONE DE900 sets a new standard in the field of alarming.

Thanks to the robust holster with clip, the SWISSPHONE DE900 is on hand within seconds.

The alarm text on the backlit display, with 5mm character size, is easy-to-read, even under unfavourable conditions.

### DE 900

#### For every response team

- Exclusive design and simple operation
- 5mm characters
- Robust and reliable (IP52, IEC68-2-27,6,32)
- Loud beeper (>80 dBA on 30cm)
- Strong vibrator with interval
- Bright 3 LED backlit illumination
- Excellent sensitivity
- Clock on display
- Accurate battery status indication
- Holster with latch
- Service friendly



# SWISSPHONE DE 516C

## Approved, reliable and professional



The DE516C is a robust and versatile POCSAG pager that features a 4-line full graphic display with exceptionally user-friendly, menu-driven prompting.

To meet the different needs of fire chief officers and action forces, an innovative feature provides 32x4 addresses thereby allowing the management of multiple paging groups.



### DE 516C

#### For professionals

- Full graphic backlit display
- Bold font
- Word wrapping
- Simple menu usage with icons and functional description
- Robust and reliable (IP52, IEC 68-2-27,6)
- 32 x 4 addresses (RICs, Capcodes)
- RICs / Capcodes can be switched on and off individually
- Canned messages of up to 80 characters
- Programmable message folders
- Programmable firmware

#### Option: DE516C with IDEA encrypting

- 128 bit encrypting
- Time-authentication
- Upgradable in POCSAG networks and receiver
- Mixed operation of encrypted and non-encrypted messages
- Decrypting without error propagation

### DE 516C Ex

#### Better than an insurance

- Intrinsically safe receiver for use in explosion-risk environments
- Approved according to ATEX II 2G EEx ib IIC T3
- Temperature limitations conforms to the highest class T3



# SWISSPHONE DV500

## A high-tech device that can speak



DV500 HURRICANE voice – a synonym for reliability and functionality. SWISSPHONE's high-tech devices combine high efficiency and technical maturity with great ease of use. Continual development has produced a first class range of pagers, which can convert text into speech.

HURRICANE voice from SWISSPHONE – your digital receivers learn how to speak.

...fire at  
number sixty,  
Oxford street...

### DV500 HURRICANE voice S

#### Clearly spoken pre-programmed text

The digital receiver with an alarm announcement: In the event of an alarm, a pre-programmed message is played through the speaker.

- 6x4 RICs / Capcodes
- Alarm with signals, vibration and LED
- Ergonomic and robust (IP54, IEC 68-2-27,6)
- Accurate battery status indication

### DV500 HURRICANE voice FS

#### Clearly spoken individually composed text

New and unique – the first digital high-tech receiver that converts individually composed text into spoken messages!

- 6x4 RICs / Capcodes
- Alarm with signals, vibration and LED
- Ergonomic and robust (IP54, IEC 68-2-27,6)
- Accurate battery status indication



# Accessories

## SWISSPHONE DE 900 and SWISSPHONE DV500



### LGRA 900 / 500 Charger for 230V

- constant current charging or permanently maintained level of charge
- LED-indication for both charging modes
- LED-call indication
- BNC- antenna connection
- 5-pin socket for relay contact (automatic reset after 10s or manually resettable by acknowledging the alarm)



### LG 900 / 500 Charger with base and 230V - plug

- constant current charging or permanently maintained level of charge
- LED-indication for both charging modes



### PG 900 or PG 500 Set

- Programming device with Windows programming software



### ALG 900 / 500

- constant current charging or permanently maintained level of charge
- LED-indication for both charging modes



### Holster for DE900

- With clip



### Leather bag for DV500

- With or without display window

### Leather bag for DE 900



### Security chain

# Accessories

## SWISSPHONE DE 516C



### LG 95 charger

- charging indication by LED

### LG 95 NiMH

- charger with quick charging for NiMH batteries
- charging indication by LED

### LGRA 516

- charging indication by LED
- BNC-antenna socket
- 5-pin socket for relay contact (automatic reset after 10s, or manually resettable by acknowledging the alarm)
- can be used as a power supply, 12VDC, 10mA max.
- call LED (only LGL 516)

### LG 516C EX

- charging indication by LED
- higher charging voltage for charging DE516C Ex.



### Holster

- Receiver can be carried comfortably



### SGA 505

- interface SGA 505 with charging function
- serial interface RS232 for connection to printer or display
- direct printing during reception
- printing of all stored messages
- charging indication by LED
- BNC-antenna socket

### PG 95 Set

- Programming device with Windows-programming software



### Leather bag

- With display window

# Technical data

Performance features	DE900	DE516C (Ex)	DV 500
Frequency band	81 - 88 MHz 138 - 174 MHz 400 - 470 MHz	81- 88 MHz 138 - 174 MHz 430 - 470 MHz	81- 88 MHz 146 - 174 MHz 450 - 470 MHz
Sensitivity	5 µV/m	6 µV/m	3,5 µV/m
Channel spacing	20/25 kHz, 12,5 kHz	20/25 kHz	20/25 kHz
Frequency control	Crystal	Crystal	Crystal
Radio paging standard	POCSAG	POCSAG	POCSAG
Addresses (RICs, Capcodes)	8 x 4	32 x 4	6 x 4
Message memory	15	Over 200	15
Size of characters	5mm	4mm	—
Max. operating time			
- Battery (ca. 1500 mA/h)	3000 h	1000 h	300 h
- NiMH (1400 mAh)	2100 h	700 h	200 h
- NiCd	1000 h	300 h	150 h
Battery/ Accu - supervision	✓ Charging status display	✓	✓ Charging status display
IP-protection class according to EN 60529	IP52	IP52	IP54
Shock according to IEC 68-2-27	✓	✓	✓
Robustness against vibration according to IEC 68-2-6	✓	✓	✓
RICs can be switched on and off	—	✓	✓
Alarm time and date	✓	✓	✓
Out of range alarm	✓	✓	✓
Home network identification	✓	✓	✓
Programmable menu functions	✓	✓	✓
Message folder	—	✓	—
'Easy operation' mode programmable	✓	✓	✓
Call reminder	programmable	programmable	programmable
Approved for security organisations (BOS)	DME II*	DME II	DME I and III
Battery type	AA	AA	AA
Weight including battery in g	120	130	120
Dimensions in mm	78 x 53 x 24	91 x 55 x 19	78 x 53 x 24

\* in process

Specifications subject to change

SWISSPHONE-partner: