

# Swissphone DV500

A high-tech device that can speak



## The most important performance features at a glance

makes the change easy from analog to digital paging

high performance speech processor

6 RIC, each with 4 subaddresses

tone and vibration alarm

IP 54 protection class

The DV500 HURRICANE voice POCSAG pager is talking to you in your language. The internal digital speech processor converts the numeric or alphanumeric message into an analog speech message.

The pager has 6 addresses each with 4 subaddresses. Each of them can be programmed with any canned messages. All messages are stored with date and time-stamp. The actual settings can be seen on the display.

Standard features, such as status display, vibrator, message memory, battery status, time and date belong to this unique pager. The one hand operation has been retained from the previous models.

The extraordinary sensitivity and the robust construction of the protective casing meets IP 54 specification.

Together, all these features make the DV500 your reliable partner, even in hostile environments.



## Model: Swissphone DV500

**DV500 HURRICANE voice S** clearly spoken pre-programmed text  
**DV500 HURRICANE voice FS** clearly spoken individually composed text

### Technical data and performance features:

<b>Frequency bands:</b>	VHF 4m band VHF 2m band UHF 70cm band	81 - 88 MHz 138 - 174 MHz 450 - 470 MHz
<b>Channel spacing:</b>	20/25 kHz	<b>Modulation:</b> DFSK
<b>Sensitivity:</b> typical value at 2m UB (best position at "salty man")	4.0 µV/m 5.0 µV/m 7.0 µV/m	@ baudrate: 512 bit/s @ baudrate: 1200 bit/s @ baudrate: 2400 bit/s
<b>Frequency processing:</b>	Quartz	<b>Number of channels:</b> 1
<b>Radio paging standard:</b> <b>Adjacent channel selectivity:</b> <b>Co-channel rejection:</b>	POCSAG CCIR RPC No.1 > 60 dB > -8 dB	<b>Spurious response:</b> > 50 dB <b>Intermodulation rejection:</b> > 50 dB <b>Spurious emission:</b> < 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

- 6 RLC (24 subaddresses) frame independent

#### Display

- actual working status
- address and subaddress
- time, date and alarm clock
- field strength monitoring
- volume adjustment
- battery status indication

#### Languages:

- English
- French
- German
- Spanish

#### Alerting

- acoustic >80 dB(A) @ 30cm distance
- Alert priority
- individual programmable alert pattern for: LED, Vibrator and audible 3-tone patterns

#### Call reminder:

- programmable alert repeater (0-255sec.)

#### Field strength monitoring:

- visual alarm signal
- audible alarm signal
- programmable home network recognition

#### Accessories

- battery charger
- 12VDC car charger
- programmer (on request)
- leather bag

Specifications subject to change

#### Messages

- message deletion function
- message protection function

#### Memory:

- 15 acoustical messages (up to 240 character long with reception time and date) can be retrieved

#### Speech processor:

- up to 24 canned messages
- abbreviation lexicon
- 16 system messages
- up to 3500 character record length

#### Power management

- AA Battery type
- continuous battery status indication

#### Operating time:

- dry cell 1.5V up to 300 h
- NiMH rechargeable 1.2V / 2000mAh up to 250 h
- NiCd rechargeable 1.2V / 600mAh up to 150 h

#### Battery / rechargeable cell monitoring:

- Charging status display indicator

#### Miscellaneous

- ideal for operation with left or right hand

#### Housing:

- colour: black
- dimensions: H x W x D in mm 78 x 53 x 24  
in inch 3.1 x 2.1 x 0.9
- IP 54 protection class

Temperature range -20°C to +55°C (-4F to 131F)  
Weight 112 g (3.95 oz.) with battery

Swissphone partner:

