

s.QUAD Voice

SWISSPHONE

s.ONE
ready



The Smart Tone & Voice Pager

Swissphone's new generation of pagers impresses users with state-of-the-art functional design and unique performance features. Its innovative design makes the s.QUAD Voice extremely robust and very comfortable to wear. Secure receipt of messages and loud alerting take center stage. With a sensitivity of $\leq 2.0 \mu\text{V/m}$, the s.QUAD Voice is the best in its class. The s.QUAD Voice can be updated by firmware to a digital paging receiver (POCSAG), or can work in both modes in parallel as a single device. This option perfectly supports a smooth migration to digital alerting.

s.ONE software solution from Swissphone

Together with the modular s.ONE software solution from Swissphone and a smartphone interface via Bluetooth, the s.QUAD Voice offers additional applications for secure, fast, simple alerting.

- Hybrid alert: Radio alerting combined with IP alerting
- Monitoring: Information on the response of the team
- Resources: Overview of availability
- Reports: Evaluation of the operations at the push of a button

Key performance features

- » Excellent reception
- » Programmable receiving frequency within switching bandwidth. Wide PLL up to 10 MHz (UHF), 20 MHz (UHF)
- » 64 addresses (2-tone and 5/6-tone)
- » 64 selection and switching profiles possible
- » Alerting volume $> 95 \text{ dB(A)}$ at 30 cm / 12 inches distance
- » Multi-colored alarm LED
- » High-resolution display (for message display via bluetooth)
- » Extremely robust (2-m drop test) and water-proof
- » Up to 16 minutes of stored voice memory
- » Optional: multi-channel/scanner in one device
- » Optional: Digital alerting with POCSAG
- » Optional: Analog and digital as one single device



	Performance features	Technical data
Standards, compliance, environmental conditions	Standards	ETSI EN 300 296 EN 60068-2-27 (shock) EN 60068-2-6 (vibration) EN 60068-2-32 (2-m drop test) EN 60529:1991 + A1 : 2000 IP67 ETSI EN 300 390
	Temperature range	-4 °F to +131 °F / -20 °C to +55 °C
Main characteristics	Frequency bands (additional frequencies on request)	VHF 2 m band 150-160 /146-155/155-164/164-174 MHz UHF 70 cm band 430-450/450-470 MHz
	Frequency processing	PLL, frequency can be adjusted in the entire frequency band with programming software
	Channel spacing	12.5, 20/25 kHz
	Sensitivity* <small>* Typical value at 2 m Band (best position on «salty man»)</small>	Better than 2.0 µV/m
	Signal strength display (RSSI)	5 column display. More columns means stronger signal
	Addresses	<ul style="list-style-type: none"> • 64 addresses 2-tone or longtone • 64 address names with eight characters • ZVEI 1 / CCIR1 / free
	Alerting	<ul style="list-style-type: none"> • Volume > 95 dB(A) at 30 cm / 12 inches distance • Vibration alarm • Multi-colored alarm LED, programmable • Up to 64 user profiles or user switchable
	Voice Memory	Up to 16 minutes stored voice
Options	Multi-channel (8), 5/6 tone decoding	
Display and housing	Display	<ul style="list-style-type: none"> • Greyscale display with high resolution (146 x 128 pixels, 106 DPI) • White backlight • Displays up to 250 characters per page
	Dimensions (H x W x D)	3.19 x 2.52 x 0.87 inches / 81 x 64 x 22 mm
	Weight (including battery)	3.81 oz / 108 g
Power management	Type of battery	NiMH plus battery or alkaline battery (standard AA battery)
	Operating times (eco mode)	<ul style="list-style-type: none"> • Alkaline battery (1.5 V): 160 hours • NiMH plus battery (1.2 V/2000mAh): 160 hours
Accessories	Programming software	Programming kit with Windows-based programming software
	Chargers	Versatile charging devices
	Carrier bags	<ul style="list-style-type: none"> • Clip holster • Leather case • Safety chain

Specifications are subject to change without notice.



POCSAG Option (Two in One):

s.QUAD Voice works in parallel on the existing analog 2-tone and the future-proof digital POCSAG network. With this software option the s.QUAD pager can receive voice calls and text messages from two different networks. This two-in-one option perfectly supports the migration from analog to digital.



s.ONE ready

s.QUAD was designed to enable the combination of various s.ONE software solutions for clear alerting. Fire Chiefs or Dispatchers can, for example, use their smartphones or computer screens to display how many emergency personnel are available and how many will actually respond.



Bluetooth

Bluetooth technology makes it possible to connect the s.QUAD with a compatible smartphone and ultimately with various s.ONE software solutions from Swissphone. This includes, among other things, the display of the availability of the emergency services and the resources as well as the strength of the team.



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