

# s.QUAD X15

SWISSPHONE



s.ONE  
ready

## The Smart Pager

The new generation of Swissphone pagers impresses users thanks to state-of-the-art functional designs and unique performance features. Secure receipt of messages, familiar intuitive operation, and loud alerting take centre stage in the new generation. The new design of the s.QUAD X15 is extremely robust and very comfortable to wear. With a sensitivity of 2.4  $\mu\text{V}/\text{m}$  at 512 Bit/s, the s.QUAD is the best in its class.

### 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 offers additional applications for secure, fast, simple alerting.

- Hybrid Alert: POCSAG alerting combined with IP alerting
- Monitoring: Information on the strength of the team
- Resources: Overview of availability
- Reports: Evaluation of the operations at the push of a button

### Key performance features

- » Excellent reception
- » Switching bandwidth programmable up to 10 MHz (Wide PLL)
- » 16 addresses (RICs) with four sub-addresses each (64 individual addresses)
- » Three selection and switching profiles possible
- » Alerting volume > 95 dB(A) at 30 cm distance
- » Fully graphic, high-resolution display for over 200 characters per page
- » Extremely robust (2-m drop test) and water-proof (IP67)
- » Optional: IDEA™ message encryption (128 bit)



# s.QUAD X15

	Performance features	Technical data
<b>Standards, compliance, environmental conditions</b>	Standards	EN 60068-2-27 (shock) EN 60068-2-6 (vibration) EN 60068-2-32 (2-m drop test) EN 60529:1991 + A1 : 2000 IP67
	Compliance	ETSI EN 300 390, TR-BOS DME II
	Temperature range	-20 °C to +55 °C
<b>Main characteristics</b>	Frequency bands (additional frequencies on request)	VHF 2 m band 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 whole frequency band with programming software
	Channel spacing	12.5, 20/25 kHz
	Sensitivity* * Typical value at 2 m OB (best position on «salty man»)	At 512 Bit/s 2.4 µV/m At 1200 Bit/s 2.7 µV/m At 2400 Bit/s 3.2 µV/m
	Addresses	<ul style="list-style-type: none"> <li>• 16 primary addresses (RICs) with four sub-addresses each, frame-independent</li> <li>• 64 address names with eight characters</li> </ul>
	Alerting	<ul style="list-style-type: none"> <li>• Volume &gt; 95 dB(A) at 30 cm distance</li> <li>• Vibration alarm</li> <li>• Alarm LED, programmable</li> <li>• Up to three user profiles or selectable RICs</li> </ul>
	Messages	<ul style="list-style-type: none"> <li>• Over 100 individual messages with up to 512 characters</li> <li>• 64 fixed texts with 32 storable characters each</li> <li>• PIN-secured message storage</li> </ul>
	Supported	<ul style="list-style-type: none"> <li>• Express-Alarm®</li> <li>• On-air programming</li> </ul>
	Option	<ul style="list-style-type: none"> <li>• IDEA™ encryption: (128 bit)</li> </ul>
	<b>Display and housing</b>	Display
Dimensions (H x W x D)		81 x 64 x 22 mm
Weight (including battery)		108 g
<b>Power management</b>	Type of battery	NiMH plus battery or alkaline battery (standard AA battery)
	Operating times (eco mode)	<ul style="list-style-type: none"> <li>• Alkaline battery (1.5 V): 2,500 hours</li> <li>• NiMH plus battery (1.2 V/2000mAh): 2,400 hours</li> </ul>
<b>Accessories</b>	Programming software	Programming frame with Windows-based programming software
	Chargers	Versatile charging devices
	Carrier bags	<ul style="list-style-type: none"> <li>• Clip holster</li> <li>• Leather case</li> <li>• Safety chain</li> </ul>

Specifications are subject to change without notice.



## s.ONE ready

s.QUAD was designed to enable the combination of various s.ONE software solutions for clear alerting. Directors of operations 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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