s.QUAD Voice

SWISSPHONE

s.ONE ready

The Smart Tone and Voice Pager

The new Swissphone s.QUAD pagers impresses users thanks to state-of-the-art, functional design and unique performance features. Secure receipt of messages, familiar intuitive operation and loud alerting take centre stage. The s.QUAD Voice is also extremely robust, dust and waterproof and very comfortable to wear. With a reception sensitivity of < 2.5 µV/m it is the best in its class.

Equipped for the future: s.ONE, BLE and RFID
Bluetooth Low Energy (BLE) technology together with the s.ONE software solution makes it possible to connect the s.QUAD with a compatible smartphone or other BLE-capable device. The integrated RFID chip enables more personalised functionalities.
The s.QUAD Voice can be firmware updated to s.QUAD X35: a digital paging receiver (POCSAG).

Key performance features

))) Outstanding reception performance

))) Programmable receiving frequency within switching bandwith. Wide PLL up to 10 MHz

))) 64 addresses (5/6-tone)

))) 64 select as well as toggle profiles available

))) Up to 16 minutes of stored voice memory

))) Alerting volume > 95 dB(A) at 30 cm

))) Multi-coloured alarm LED

))) High-resolution display
    (for message display via bluetooth)

))) Extremely robust (6.5 feet drop test),
    dust and water-proof

))) Optional: Multi-channel and scanner

))) Optional: Digital alerting with POCSAG and
    analogue in one device

connect | WPLL | eco mode

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s.QUAD Voice

	Performance features	Technical data	
Standards, compliance, environmental conditions	Standards	ETSI EN 300 296 EN 60068-2-27 EN 60068-2-6 EN 60068-2-32 EN 60529	(shock) (vibration) (2-m drop test) (IP67)
	Temperature range	-20 °C to +55 °C	
Main characteristics	Frequency bands (additional frequencies on request)	VHF 4 m band VHF 2 m band UHF 70 cm band	81-88 MHz 138-146/146-155/155-164/164-174 MHz 450-460/460-470 MHz
	Frequency processing	PLL, frequency can be adjusted in the entire frequency band with programming software	
	Channel spacing	12.5, 20/25 kHz	
	Sensitivity* * Typical value at 2 m Band (best position on «salty man»)	Better than 2.0 µV/m	
	Signal strength display (RSSI)	5-level display	
	Addresses	• 64 addresses 2-tone or 5/6-tone • 64 address names with eight characters • ZVEI 1 / CCIR1 / free (5/6-tone option)	
	Alerting	• Volume > 95 dB(A) at 30 cm • 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), 2-tone decoding	
Display and housing	Display	• Greyscale display with high resolution (146 x 128 pixels, 106 DPI) • White backlight • Displays up to 200 characters per page • Vertical and horizontal menu and font guidance (programmable)	
	Dimensions (H x W x D)	81 x 64 x 22 mm	
	Weight (including battery)	108 g	
Connection possibilities	Radio	• BLE (Bluetooth Low Energy) integrated • RFID chip (protocol: EPCglobal Class1 Gen2)	
	Battery charging time	Four hours	
Power management	Type of battery	NiMH plus battery or alkaline dry cell (standard AA battery)	
	Operating times (eco mode)	• Alkaline dry cell (1.5 V): 180 h • NiMH plus battery (1.2 V/2000 mAh): 180 h	
Accessories	Programming set	Programming kit with windows-based programming software	
	Chargers	• Charger with relay and antenna connector • Multi charger	
	Carrier bags	• Clip holster (included) • Leather case • Safety chain	

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 Swiss-phone. 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.