

Terminal



The Swissphone s.QUAD Voice+ Terminal combines state-of-the-art design with robust, high-performance technology. It enables the reliable reception of text and voice messages, their conversion and forwarding via Bluetooth® Low Energy to a compatible smartphone or other Bluetooth®-enabled device.

The received information is then displayed and managed in the associated mobile app, fully compatible with iOS and Android.

Thanks to its robust design, the s.QUAD Voice+ is dust- and water-proof, comfortable to wear, and designed for highly reliable communication. With a reception sensitivity of $<2.5 \mu\text{V/m}$, it is one of the best in its class.

Future-proof features:

Bluetooth® Low Energy in combination with the s.ONE software solution enables seamless integration into mobile workflows. The integrated RFID chip supports additional, personalized functionalities. The terminal can also be used for secure message decryption when equipped with the optional IDEA™ encryption feature.

Key performance features

- Integrated Bluetooth® Low Energy for connection to smartphones and the s.ONE mobile app
- Outstanding reception performance $<2.5 \mu\text{V/m}$
- Programmable receiving frequency within switching bandwidth (PLL up to 10 MHz)
- 64 addresses (5/6-tone)
- 64 selectable or toggle profiles available
- Up to 16 minutes of stored voice memory
- Alerting volume $>95 \text{ dB(A)}$ at 1 ft distance
- Multi-colored alarm LED
- Integrated Bluetooth® Low Energy for smartphone connection and app-based message handling
- Extremely robust (6.5 ft drop test), dust- and waterproof
- Optional: Multi-channel and scanner functions
- Optional: Digital alerting with POCSAG and analogue in one device
- Optional: IDEA™ message encryption (128-bit) for secure decryption with Wide PLL up to 10 MHz



s.QUAD Voice+

	Performance features	Technical data
Standards, compliance, environmental conditions	Standards	ETSI EN 300 296 Please refer to the Declaration of Conformity for details on the other standards.
	Temperature range	-4 °F to +131 °F
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 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* <small>* Typical value at 2 m Band (best position on «salty man»)</small>	Better than 2.0 µV/m
	Signal strength display (RSSI)	5-level display
	Addresses	<ul style="list-style-type: none"> • 64 addresses 2-tone or long tone • 64 address names with eight characters • ZVEI 1 / CCIR1 / free (5/6-tone option)
	Alerting	<ul style="list-style-type: none"> • Volume >95 dB(A) at 1 feet distance • Vibration alarm • Multi-colored alarm LED, programmable • Up to 64 user profiles or selectable addresses
	Voice Memory	Up to 16 minutes stored voice
	Options	Multi-channel (8), 5/6 tone decoding
	Display and housing	Display
Dimensions (H × W × D)		3.19 × 2.52 × 0.87 inches
Weight (including battery)		3.81 oz
Power management	Type of battery	NiMH plus battery or alkaline dry cell (standard AA battery)
	Operating times (eco mode)	<ul style="list-style-type: none"> • Alkaline dry cell (1.5 V): 180 hours • NiMH plus battery (1.2 V/2,000 mAh): 180 hours
	Battery charging time	Four hours
Accessories	Programming set	Programming kit with Windows-based programming software
	Chargers	<ul style="list-style-type: none"> • Charger with relay and antenna connector • Multi-charger
	Carrier bags	<ul style="list-style-type: none"> • Clip holster • Leather case • Safety chain

Specifications are subject to change without notice.



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