

s.QUAD X35

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 X35 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)
- » 64 addresses (RICs) with four sub-addresses each (256 individual addresses)
- » 64 selection and switching profiles possible
- » Alerting volume > 95 dB(A) at 30 cm distance
- » Multi-coloured alarm LED
- » Five-level display of signal strength (RSSI)
- » 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)
- » Optional: Multi-channel/scanner in one device

s.QUAD X35

| | Performance features | Technical data | |
|--|--|---|---|
| Standards, compliance, environmental conditions | 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 | |
| Main characteristics | Frequency bands (additional frequencies on request) | VHF 2 m band UHF 70 cm band | 146-155/155-164/164-174 MHz 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* * 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 | |
| | Signal strength display (RSSI) | 5 column display. More columns means stronger signal | |
| | Addresses | <ul style="list-style-type: none"> • 64 primary addresses (RICs) with four sub-addresses each, frame-independent • 256 address names with eight characters | |
| | Alerting | <ul style="list-style-type: none"> • Volume > 95 dB(A) at 30 cm distance • Vibration alarm • Multi-coloured alarm LED, programmable • Up to 64 user profiles or selectable RICs | |
| | Messages | <ul style="list-style-type: none"> • Over 100 individual messages with up to 512 characters • 256 fixed texts with 32 storable characters each • Up to two additional message folders • PIN-secured message storage | |
| | Supported | <ul style="list-style-type: none"> • Express-Alarm® • On-air programming | |
| | Options | <ul style="list-style-type: none"> • IDEA™ encryption: (128 bit) • Multi-channel, scanner | |
| | Display and housing | Display | <ul style="list-style-type: none"> • Fully graphic greyscale display with high resolution (146 x 128 pixels, 106 DPI) • White backlight • Displays more than 200 characters per page • Different font sizes with 6, 7 or 8 lines • Scrollable font |
| Dimensions (H x W x D) | | 81 x 64 x 22 mm | |
| Weight (including battery) | | 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): 2,500 hours • NiMH plus battery (1.2 V/2000mAh): 2,400 hours | |
| Accessories | Programming software | Programming frame 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.



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.

EN 02/2015 0344007 v1 BUM



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