Swissphone - s.QUAD X15
The Smart Pager

ALERTING IN HAZARDOUS AREAS

The new Swissphone s.QUAD 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.

The s.QUAD X15 is also extremely robust, dust and waterproof and very comfortable to wear. With a reception sensitivity of 2.5 µV/m at 1,200 Bit/s, 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 BLEcapable device. The integrated RFID chip enables more personalised functionalities.

KEY PERFORMANCE FEATURES

» Outstanding reception performance with 2.5 µV/m at 1,200 Bit/s

» 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 dust and waterproof

» Optional: IDEA™ message encryption (128 bit)

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WHEN YOU NEED TO TALK

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　(IP67) ETSI EN 300 390
Compliance	TR-BOS DME II
Temperature range	-20 °C to +55 °C
MAIN CHARACTERISTICS	
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 band (best position on «salty man»)	at 512 Bit/s 2.0 µV/m at 1200 Bit/s 2.5 µV/m at 2400 Bit/s 3.0 µV/m
Addresses	• 16 primary addresses (RICs) with four sub-addresses each, frame-independent • 64 address names with eight characters
Alerting	• Volume > 95 dB(A) at 30 cm distance • Vibration alarm • Alarm LED, programmable • Up to three user profiles or selectable RICs
Messages	• Over 100 individual messages with up to 512 characters • 64 fixed texts with 32 storable characters each • PIN-secured message storage
Supported	• Express-Alarm® • On-Air programming
Options	• IDEA™ encryption: (128 Bit)
DISPLAY AND HOUSING	
Display	• 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 • Vertical and horizontal menu and font guidance (programmable) • Scrollable font
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)
POWER MANAGEMENT	
Type of battery	NiMH plus battery or alkaline battery (standard AA battery)
Operating times (eco mode)	• Alkaline battery　　(1.5 V): 2,500 hours • NiMH plus battery　(1.2 V/2000mAh): 2,400 hours
Battery charging time	Four hours
ACCESSORIES	
Programming set	Programming cradle with Windows-based programming software
Chargers	Chargers with relay and antenna connector
Carrier bags	Clip holster (included), Leather case, Safety chain

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