



EPOC-S

A Critical Alert Responder for the 21st century



Colour Your World

The EPOC-S heralds the beginning of a new era in critical response communication.

Gone are the grey days of monochrome messaging. A full frame colour backlight bathes the user in one of 7 beautiful colours, programmable to suit the call type. So calls can be colour-coded for instant recognition of urgency.

Gone are the frustrations of not knowing whether help is on its way. The EPOC-S incorporates a transmitter (up to 25mW RF power) to either automatically or manually send a response to the received message. This can be programmed to respond on different frequencies depending on call severity. The message can be sent to other EPOC-S units or for greater flexibility to Scope fixed Receiver systems for added control and data output functions.

Gone are the worries of dropping it in the sink, in the bath or down the loo. Whilst we wouldn't recommend such activity (and it's certainly not self-retrieving), the rugged casing, sealed to IP67, should ensure that it keeps on working.

Still want more? Programmable Man-Down and SOS transmit functions. Up to 128 capcodes, each with 4 sub-addresses. 21 ring types with 5 volume levels. White LED flash alert. In/Out charger status auto-transmit. Remote firmware upgrade path. These are just some of the main features.....

Features

- Receive and transmit in one slim, rugged package to IP67
- Automatic or manual message acknowledgement
- SOS / Man Down functions with on-board accelerometer
- Large screen with multi-colour backlighting
- Hi-intensity, white LED feature
- Single board design for increased reliability
- Rechargeable Lithium Ion battery
- Rugged removable back clip



EPOC-S

SPECIFICATIONS

Display:

35.5 x 35.5 mm LCD
96 x 96 dots
Multi-colour backlight
8 lines of 16 characters per line

Addresses:

128 addresses (software decoding),
each with 4 sub-addresses

Message storage:

20 messages of 256 characters each
64 pre-defined messages
10 pre-defined Tx, Ack & Status
messages

Alerts:

21 tones selectable
Vibrate/Tone & Vibrate/Vibrate then
Tone/Mute
Flash LED

Size:

54.7 (W) x 97.4(H) x 16.7 (D) mm

Weight: 90g (with battery)

Signalling protocol:

POCSAG

Data transmit/receive rate:

512, 1200 baud

Sensitivity:

2.5 μ V/m @ 512 bd, 3.0 μ V/m @ 1200
bd

Selectivity:

≥ 60 dB +/- 25 KHz

Tx Output Power:

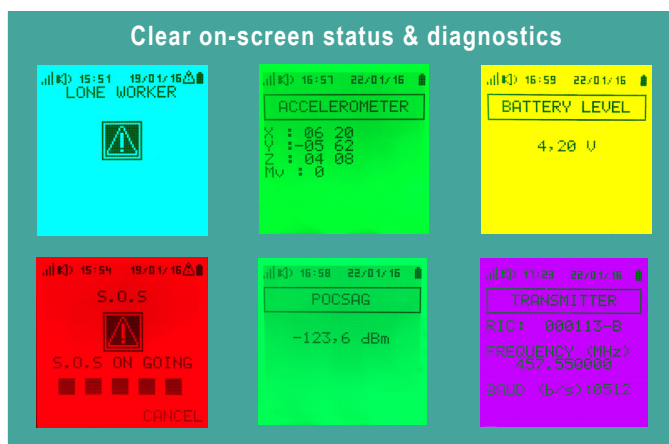
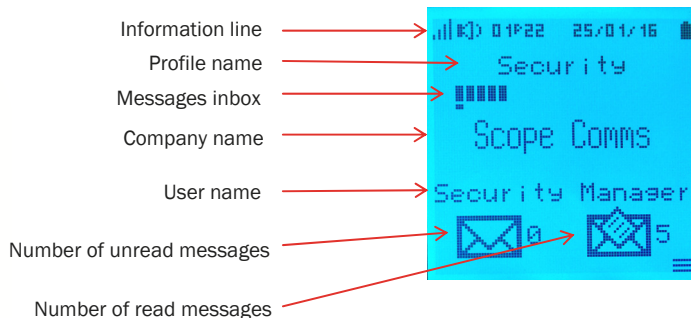
Up to +14dBm

Power Supply:

Li-Ion 3.7v battery 700mA
Charger, 5V micro USB input

Approvals Compliance

EN 300 220 (Radio)
EN 301489 (EMC)



Other Features

- ◆ Auto display rotation for landscape or portrait use
- ◆ Programmable secondary function on all buttons for covert operation and flexibility
- ◆ 12 selectable User Profiles, great for shift workers
- ◆ Pre-defined transmit, acknowledge and status messages
- ◆ Received Signal Strength (RSSI) display, ideal for range testing & diagnostics
- ◆ Sturdy Backclip with embedded RFID



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