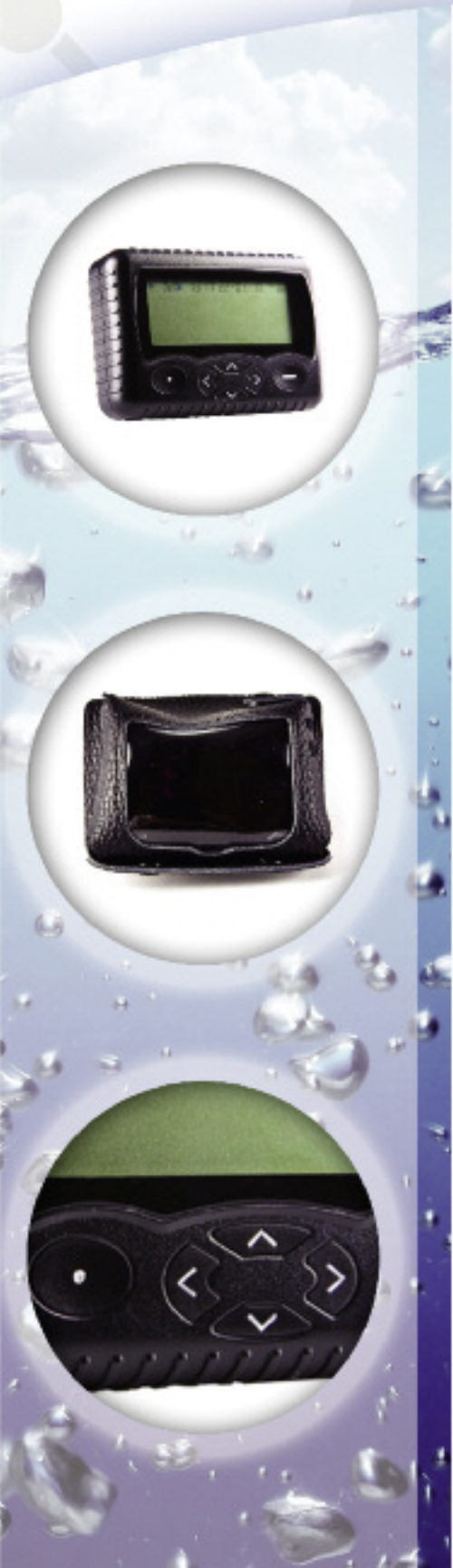




Multitone GP pager™



Multitone GP pager

The next generation of two-way paging

Technical Specification

POCSAG Radio Specification

- Frequency range: 86-174MHz
- Channel spacing: 25KHz
- Sensitivity 512bps: 3µV/m
- Sensitivity 1200bps: 5µV/m
- Sensitivity 2400bps: 7µV/m
- Modulation: NRZ
- Selectivity: 65dB +/-25KHz
- Intermodulation: >65dB
- Adjacent channel sensitivity: 60dB
- Frequency stability: +/-10ppm

GSM/GPRS Module Specification

- Full quad band module: EGSM - 850, 900, 1800 & 1900MHz
- Multi-slot GPRS class 10 (3+2 & 4+1)
- Maximum transmission power:
2 Watt - 850/900MHz, 1 Watt - 1800/1900MHz
- PDU & SMS mode held up
- SIM card: located under the battery

GPS Module Specification

- High sensitivity GPS: 160dBm
- 50 channel GPS
- Cold start: 29 seconds
- Hot start: 1 second
- GPS gain (antenna + LNA): 17dB
- Galileo compatible

Battery

- Size: lithium ion 3.7V/1300mA (rechargeable)
- Average life: POCSAG up to 1000 hours (dependent on operation)
- POCSAG/GSM/GPRS: 50 hours (with GPS), 60 hours (without GPS) dependent on operation

Operational

- Receiver addresses: up to 8 RIC addresses with 4 function codes
- Audible alert: >86dB at 30cm
- Memory (maximum no. of messages): up to 19 messages of 255 characters
- Alert melodies: 8 tones
- Unread message alert
- Silent & vibrate alert: silent mode, vibrate only or tone & vibrate
- Low battery warning
- LCD display: 4 lines x 20 characters, backlight, modifiable zoom
- SOS mode: geo-located by long key press (requires supporting application)
- Languages: English, German, French & Spanish
- Pager network disable (stolen/misuse): a message sent from service provider can block operation
- Firmware updating via PC

Environmental Specification

- Operating temperature & humidity: -10°C to +60°C, 95% at 40°C
- Storage temperature: -10°C to +70°C, 95% at 40°C

Physical Characteristics

- Size: 59.5mm (h) x 94mm (w) x 21.5mm (d)
- Weight (including Li-Ion battery): 120g

Accessories

- Desktop battery charger
- Leather holster
- Lanyard
- Battery
- User guide

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