

RPR750 paging receiver

Supplementary information

Time critical messaging



The RPR750 is designed for professionals who demand reliability and versatility from their communication system, delivering the highest standards of performance.

The RPR750 paging receiver embodies our exceptionally high standards of design performance and includes a range of features, ensuring that text and speech messages are easily read, heard and repeated, whatever the conditions.

Main options

All Mk6 and Mk7 product variants support tone, display, voice and stored-speech, plus vibrate. Speech may only be used where local licensing conditions permit. POCSAG variants support tone, display and vibrate.

All receivers are supplied with a lanyard and clip.

Intrinsically Safe (IS) versions

RPR750 IS supplied with disposable alkaline batteries:

- Ex II 1GD T135° EEx ia IIC T4 (-10°C to +55°C)

RPR750 IS supplied with NiMH batteries:

- Ex II 1GD T200° EEx ia IIC T3 (-10°C to +55°C)

Both versions are certified in accordance with the EU ATEX Directive 94/9/EC standards.

Case options

- Blue case and blue insert
- Blue case and red insert
- White case and blue insert

NOTE: the yellow pager is the only IS pager, the blue and red pagers are not IS.

RPR750 - red



RPR750 IS - yellow



RPR750 - white and blue



RPR750 - blue



Technical specification

RPR751(HF)

- Frequency range: 25-54MHz
- Channel spacing: 12.5/25kHz
- Sensitivity non IS (typically) best position: 15 $\mu\text{V/m}$
- Sensitivity non IS (typically) 8 position average: 22 $\mu\text{V/m}$
- Sensitivity IS (typically) best position: 19 $\mu\text{V/m}$
- Sensitivity IS (typically) 8 position average: 28 $\mu\text{V/m}$

RPR752(VHF)

- Frequency range: 137-174MHz
- Channel spacing: 12.5/25kHz
- Sensitivity non IS (typically) best position: 15 $\mu\text{V/m}$
- Sensitivity non IS (typically) 8 position average: 22 $\mu\text{V/m}$
- Sensitivity IS (typically) best position: 15 $\mu\text{V/m}$
- Sensitivity IS (typically) 8 position average: 22 $\mu\text{V/m}$

RPR753(UHF)

- Frequency range: 407-417MHz, 430-470MHz
- Channel spacing: 12.5/25kHz
- Sensitivity non IS (typically) best position: 15 $\mu\text{V/m}$
- Sensitivity non IS (typically) 8 position average: 25 $\mu\text{V/m}$
- Sensitivity IS (typically) best position: 15 $\mu\text{V/m}$
- Sensitivity IS (typically) 8 position average: 25 $\mu\text{V/m}$

Environmental performance

- Operating temperature: -10°C to +55°C
- IS version operating temperature: -10°C to +55°C
- Storage temperature: -20°C to +70°C
- Dust and water resistant: all variants designed in accordance with IP54 classification

Operations and features

- Code format: Multitone Mk7, Mk6 and POCSAG CCIR No.1
- Receiver addresses: Mk7 10 addresses, Mk6 1 address, POCSAG 4 addresses
- Alert tones: 8 alerts plus vibrate, escalating and silent
- Audible (typical): >80dB SPL at 30cm
- Alphanumeric Display: 14 character dot matrix LCD display with backlight
- Language support: English, German, Dutch, French, Danish, Norwegian, Swedish, Portuguese, Spanish and Italian
- Low battery warning: visual, audible and tactile low battery warning
- Out-of-range indication: visual, audible and tactile out-of-range indication
- Memory back-up: 1 hour memory back up with batteries removed

Battery requirements

- Standard version: single AA alkaline LR6, AA NiMH rechargeable
- IS versions: single AAA alkaline LR03, AAA NiMH rechargeable

Dimensions

- Size: 21mm (h) x 21mm (w) x 81mm (d)
- Weight: 60g
- Weight including battery: 83g

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