

RPR750IS Paging Receiver

Tech Sheet

Multitone RPR750IS Paging Receiver

Time critical messaging.



RPR750IS

The RPR750 is an intrinsically safe paging receiver designed for professionals who demand reliability and versatility from their communication system, delivering the highest standards of performance. This pager includes a range of features, ensuring that text and speech messages are easily read, heard and repeated, whatever the conditions.

Technical Specification

Radio Performance RPR751IS(HF)

- Frequency range: 25 to 54MHz
- Sensitivity (typically):
best position: 19 μ V/m,
8 position average: 28 μ V/m
- Channel spacing: 12.5/25KHz

Radio Performance RPR752IS(VHF)

- Frequency range: 137 to 174MHz
- Sensitivity (typically): best position: 15 μ V/m,
8 position average: 22 μ V/m
- Channel spacing: 12.5/25KHz

Radio Performance RPR753IS(UHF)

- Frequency range: 407 to 417MHz, 430 to 470MHz
- Sensitivity (typically): best position: 15 μ V/m,
8 position average: 25 μ V/m
- Channel spacing: 12.5/25KHz

Operational

- Code format: Multitone Mk7, Mk6 and POCSAG (CCIR No.1)
- Receiver addresses: Mk7 10 RIC addresses, Mk6 1 RIC address, POCSAG 4 RIC addresses
- 8 Alert tones 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

General Features

- Batteries (specified types only): single AAA LR03 Alkaline, AAA NiMH rechargeable
- Weight: 83g
- Size: 21mm (w) x 21mm (h) x 81mm (d)
- Operating temperature from:
- 10°C to +55°C
- Storage temperature from:
- 20°C to +70°C
- Dust and water resistant to IP54 classification
- Supplied with 1 holster and 1 lanyard

Intrinsically Safe Specification

- RPR750IS with disposable alkaline batteries:
II GD Ex ia IIC T4 Ga; Ex ia IIIB T135°C DA
(-10°C to +55°C)
- RPR750IS with rechargeable NiMH batteries:
II GD Ex ia IIC T4 Ga; Ex ia IIIB T135°C DA
(-10°C to +55°C)

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