



## RPR750 Technical Specification

\* Please note - the yellow pager is the IS ONLY pager  
The blue and red pagers are NON IS

### RPR750

The RPR750 is designed for professionals who demand reliability and versatility from their communication systems and delivers the highest levels of performance.

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

### Technical Specification

Radio Performance	RPR751(HF)	RPR752 (VHF)	RPR753 (UHF)
Frequency range:	25 - 54MHz	137-174MHz	407-417MHz, 430-470MHz
Channel Spacing:	12.5 / 25kHz	12.5 / 25kHz	12.5 / 25kHz
Sensitivity Non Intrinsically Safe (typically):			
Best position	15 $\mu$ V/m	15 $\mu$ V/m	15 $\mu$ V/m
8 Position average	22 $\mu$ V/m	22 $\mu$ V/m	25 $\mu$ V/m
Sensitivity Intrinsically Safe (typically):			
Best position	19 $\mu$ V/m	15 $\mu$ V/m	15 $\mu$ V/m
8 Position average	28 $\mu$ V/m	22 $\mu$ V/m	25 $\mu$ V/m

### Main Options

All Mk6 and Mk7 product variants support tone, display, voice, and stored-speech plus vibrate.

Please note speech may only be used where local licensing conditions permit. POCSAG variants support tone, display and vibrate.

All receivers are supplied with lanyard and clip.

### Intrinsically Safe Versions

Intrinsically Safe (IS): IS variants for the RPR750IS supplied with disposable alkaline batteries:  
Ex II 1GD T135° EEx ia IIC T4 (-10°C Ta +55°C)

For the RPR750IS supplied with NiCd or NiMH batteries:  
Ex II 1GD T200° EEx ia IIC T3 (-10°C Ta +55°C)

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

## RPR750 Technical Specification

### Battery

Standard version:  
Single AA Alkaline LR6  
AA NiCd Rechargeable  
AA NiMH Rechargeable

### Intrinsically Safe Versions

Single AAA Alkaline LR03  
AAA NiCd Rechargeable  
AAA NiMH Rechargeable

### Environmental

Operating temperature: 14°F to 131°F -10°C to +55°C  
IS version operating temperature: 14°F to 131°F -10°C to +55°C  
Storage temperature: 7°F to 158°F -20°C to +70°C  
Dust and waterproof: All variants designed in accordance with IP54 classification

### Operational

Code format: 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

### Dimensions

Width x Length x Height: 57mm x 81mm x 21mm (2.2in x 3.2in x 0.8in)  
Weight: 60gms (2.1oz)  
Weight including battery: 83gms (2.9oz)

