



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 Multitone's 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 (typically):			
Best position	15 μ V/m	15 μ V/m	15 μ V/m
8 Position average	22 μ V/m	22 μ V/m	25 μ 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.

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Battery

Standard version:	
Single AA Alkaline (LR6):	Typical pager - 1,000 hours
AA NiCd (Rechargeable):	Typical pager - 300 hours
AA NiMH (Rechargeable):	Typical pager - 520 hours

IS Versions:

Single AAA Alkaline (LR03):	Typical pager - 500 hours
AAA NiCd (Rechargeable):	Typical pager - 100 hours
AAA NiMH (Rechargeable):	Typical pager - 300 hours

Environmental

Operating temperature:	14°F to 131°F - 10°C to +55°C
IS version operating temperature:	14°F to 104°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:	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

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)

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