



**TECHNICAL DATA SHEET**

## RPR 750 Technical Specification

### 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 $\mu$ V/m	15 $\mu$ V/m	15 $\mu$ V/m
8 Position average	20 $\mu$ V/m	22 $\mu$ V/m	22 $\mu$ 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 certified in accordance with UL and EU ATEX Directive 94/9/EC standards ( E II 1GD, EEx ia IIC T4).

## RPR750 Technical Specification

### Battery

#### Standard version:

<b>Single AA Alkaline (LR6):</b>	Typical pager - 1,000 hours
<b>AA NiCd (Rechargeable):</b>	Typical pager - 300 hours
<b>AA NiMH (Rechargeable):</b>	Typical pager - 520 hours

#### IS Versions:

<b>Single AA Alkaline (LR03):</b>	Typical pager - 600 hours
<b>AAA NiCd (Rechargeable):</b>	Typical pager - 350 hours

### Environmental

<b>Operating temperature:</b>	14°F to 131°F -10°C to +55°C
<b>IS version operating temperature:</b>	14°F to 104°F -10°C to +40°C
<b>Storage temperature:</b>	7°F to 158°F -20°C to +70°C
<b>Dust and waterproof:</b>	All variants designed in accordance with IP54 classification

### Operational

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

### Dimensions

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