MULTITONE PAGING RECEIVERS

RPR550 MK3 PAGING RECEIVER

The Multitone RPR 550 pager now embodies a new design, reflecting Multitone's commitment to its philosophy of continual upgrade and improvement.

Multiple messages for multiple needs
The RPR 550 pager is designed to support a range of message formats:

- Tone alert - People finding, enables a fast predetermined response.

- Numeric text - Transmission of an urgent telephone number.

- Text - Quickly conveys a complex message.

- Speech - Speed and versatility can be critical in life threatening situations.

Whatever the requirement, the RPR 550 pager is designed to deliver the right message to the right person at the right time.

Messaging in Intrinsically Safe Environments
Where messaging is required in hazardous environments, Multitone is able meet this requirement with an Intrinsically Safe version of the RPR550 Pager. This can be made available with T4 certification.

Free format & pre-programmed messages
The RPR 550 supports both pre-programmed messages, for simple instructions, whereas free format text can be used for more complex messages, literally putting e-mail in your pocket.

Convenient easy-to-read display
The RPR 550 pager's top-fired display allows the user to simply glance down to read a message, keeping hands free for more important tasks. Depending on whether the pager is worn in the pocket or on a belt the display can be reversed to make message reading easy.

Robust, Comfortable & Easy to Use
The RPR 550 pager has a highly wear-resistant case, ensuring robustness. The pager is also fitted with a specially designed clip which will grip thick and thin clothing. Single button operation and plain language prompts quickly inform the user of the pager's status, thus making it very simple to use.

Features:
- Easy-to-read reversible top-fired alphanumeric display

- One-way speech

- Intrinsically Safe variants available

- Up to 80 character free text & pre-programmed messages

- 5 call message memory with a 256 character message store

- Message time stamping

- Audible and/or vibrate alert

- HF, VHF & UHF versions available

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SPECIFICATION

Radio Performance	RPR 551	RPR 552	RPR 553
Frequency range	25-54MHz	12.5 MHz / 138-174MHz	430-470MHz
Channel spacing	10/12.5/20/25kHz	20/25kHz	12.5/20/25kHz
Sensitivity (typically):			
Best position	12µV/m	10µV/m	14µV/m
8 Position average	18µV/m	14µV/m	25µV/m

Main Options

Tone, Display & Speech:	RPR 551	RPR 552	RPR 553

All product variants can be ordered with vibrate.
Speech can only be used where local licencing conditions permit.

Intrinsically Safe Versions

Intrinsically Safe (IS):	RPR 551IS	RPR 552IS	RPR 553IS

IS variants are approved to either T4 or T6 temperature
classification and can be ordered with vibrate.

Conform to: EN 50 014 (1977) and EN 50 020 (1977)
Approval Classification: E Ex ia IIC T6
                               E Ex ia IIC T4
BASEEFA approval number: EX94C2176X

Battery (Assumes a paging system sending 5 calls per hour)

Single AA Alkaline (LR6):   Typical pager - 1,200 hours
AA NiCd (Rechargeable):   Typical pager - 400 hours
N Alkaline (Vibrate Versions):   Typical pager - 400 hours
N NiCd (Vibrate Versions):   Typical pager - 80 hours

Note: AA NiCd (Rechargeable) batteries are NOT approved for use in Intrinsically Safe pagers. These use N size batteries with an adapter.

Environmental

Operating temperature: -10°C to +55°C
IS version operating temperature   -10°C to +40°C
Storage temperature: -20°C to +70°C

Operational

Code format: Multitone Mk7
Alert tones: 8 alerts plus vibrate and silent
Audible (typical):   80dB SPL at 30cm
Alphanumeric Display: 14 character dot matrix LCD display with backlight. Please note that IS versions do not have backlighting.

Dimensions

Width x Length: 56mm x 80mm
Thickness: 18mm