MULTITONE PAGING RECEIVERS

multitone

RPR580 Paging Receiver

The new Multitone RPR580 series of on-site pagers combines high quality design with advanced technology to bring about one of the most powerful, compact, yet easy-to-use pagers ever developed for the on-site paging market.

Easy-to-read display
There are three character sizes to choose from. The user can select either a 28 or 40 character two-line display, or a 80 character four-line display. The user may also select the level of screen contrast and backlighting for night time viewing.

Easy-to-use interface
Use of an icon driven menu not only gives quick and simple message access, but at the touch of a button the user can simply select a whole range of unique features on the RPR 580 pager.

Multiple message memories
The pager has 64 message memories for incoming calls and 12 message archives where the user can store important messages, a total of 24,000 characters can be stored.

Multiple pager addresses and user selectable audible alerts
Every pager can have up to four addresses, for personal, team, all-call and information service messaging. The first address (personal) allows the user to select one of seven different audible alerts. Emergency paging and calls on addresses 2 and 3 use the Multitone standard beep patterns.

Information services
Eight information service mailboxes are provided on address 4. This allows users instant access to important regularly updated information.

This feature makes the RPR580 pager ideal for integration with a range of computer based applications, such as Fire Alarm systems, Process Control equipment and SCADA systems. The RPR 580 pager may be configured by the user to give an optional audible alert. This allows the user to distinguish information service messages from normal calls.

. Selectable two-line or four-line alphanumeric display
. Three selectable display fonts
. Icon driven operation
. Up to 1,000-character message length
. Multiple message memories store up to 24,000 characters
. 8 information service mailboxes
. Selectable audible and/or vibrate alert
. Free holster and lanyard
. Runs on one AAA battery
. Battery saver

TECHNICAL DATA SHEET

RPR580 Paging Receiver

Radio Performance	RPR581	RPR583
Frequency range	25-54MHz	430-470MHz
Channel spacing	10/12.5/25kHz	25kHz
Sensitivity (typically)		
Best position	20µV/m	10µV/m
8 Position average	28µV/m	14µV/m
Intermodulation rejection	40dB	50dB
Adjacent channel sensitivity	50dB	65dB
Spurious response	50dB	60dB
Image response	5dB	55dB
Spurious emission <1GHz (max.)	2nW	2nW

Environmental

Operating temperature	-10°C to +55°C
Storage temperature	-20°C to +70°C

Operational

Code form	Multitone Mk7

Alerts

Audible (typical)	76dB SPL @ 30cm
Alert tones	7 selectable alerts plus fixed alerts, vibrate and silent

Display

LCD with backlight, supporting up to 4 rows of up to 20 characters depending on font selection.

Memory

Characters	1,000 per message, 24,000 in total
Messages	64
Archive capacity	12

Battery

Size	Single AAA cell
Life (Typically)	800 hours

Dimensions

Width x Height 75mm x 49mm Thickness 16.5mm Weight (including AAA battery) 65g

Accessories

4-way AAA battery charger	Type No. LP3129
Master charging/Absence rack	Type No. A3RU
Slave charging/Absence rack	Type No. A3RV
Power supply for racks	Type No. D3PE (UK), D3PD (Europe) and D3PC (N. America)
PC interface programming jig	Type No. P669
Programming software	Type No. P672A