

HIGH PERFORMANCE OFFICER'S PAGER



The PA8002 is a high performance 4 line text message pager.

Clear and simple to use, this product can display more text content per screen.

Alternatively, the text may be expanded to occupy double height to greatly improve readability under difficult conditions.

This model is ideal for use by officers and firefighter's requiring text messaging. Its general high quality performance make it ideal for many other alphanumeric paging applications.

The PA8002's typically standard features allows simple and fast migration from previous pager models.

- 20 characters x 4 line text
- Double height text option setting
- Display illumination for clarity in darkened conditions
- Message word wrapping with message preview
- 24 public message memory capacity
- 80 private message memory capacity
- Alert modes; bleep, melody, vibrate, silent
- Prompt blip alert, reminds you of a missed message
- Loud (75dB SPL at 300mm, 12inch)
- Automatic on/off
- Calendar (1900 to 2099)
- Daily alarm
- Simple icon driven menus
- Standard AAA battery
- Long battery life (using alkaline battery, see specifications)
- Wide operating temperature range (see specifications)
- Strong lanyard attachment
- Steel security chain, crocodile clip and lanyard attachment
- Holster provides display lens protection

Available with a choice of two specifications.

1. POCSAG decoding format
2. FLEX decoding format



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SPECIFICATIONS

Parameters	137-174 MHz POCSAG (PA8002M)	137-174 MHz FLEX (PA8002FL)
Best position sensitivity	5.0uV/m - 512bps 7.0uV/m - 1200bps 9.0uV/m - 2400bps	8uV/m - 1600bps 10uV/m - 3200bps 12uV/m - 6400bps
Selectivity	>65dB@ +/-25KHz	>60dB@ +/-25KHz
Image Rejection	>55dB	>50dB
Spurious Rejection	>60dB	>55dB
Channel Spacing	25 KHz	
Frequency Stability	+/-10ppm from -10 to +50 DegC	+/-5 ppm from -10 to +50 DegC
Modulation System	Frequency Shift Keying (FSK)	
Carrier Deviation	+/-4.5KHz	
Signal Format	POCSAG non return to zero NRZ	FLEX Code NRZ 4 level
Supported Bit Rates	512, 1200, 2400 bits per second	1600, 3200, 6400 bits per second
ID Codes	4 RIC/CAP Address Codes	16 ID Codes
Address Capacity	16 Unique Addresses	
Alert Tone Output	>75dB at 12in (30cm)	
Tone & Vibrate	Combined Tone and Vibrate	
Display	20 x 4 line backlit	
Power Supply	1 x AAA 1.5V Alkaline Battery	
Battery Life	Approx 800 hrs (Alkaline cell)	80 days at 2 pages per day with Collaps of 4

Figures above are typical and measured under normal operating conditions. As such they will not form part of any contract. Our policy is one of continuous improvement and we reserve the right to change specifications without notice.

*Battery life will be dependent on number of calls received, alert tone period, number of LED's lit per call and vibration alert activation

Network activity and ID code time frame allocation may also affect battery life to a small degree. Detailed analysis may be provided in special cases where necessary.