RT950
Numeric Pager ~ Alerter

HIGH PERFORMANCE TOP DISPLAY NUMERIC MESSAGE PAGER

Classic top display numeric/tone call pager/alerter ideal for simple low cost applications.

Loud audio or vibration allows maximum alerting under difficult of conditions.

Ideal for use where simple tone or numeric messaging is required both for on-site and wide area paging systems.

Compliant with the MG4 specification.

USER FEATURES

- Ultra compact design
- Standard, recognisable tone cadences
- Silent vibrate alert operation, fitted as standard
- Display back light
- 16 message memory
- Lock (protect) up to 15 messages
- Duplicate message indicator
- Pager status icons
- Clock, day, date with message time and date stamping
- Three event alarm
- Removable belt clip

SYSTEM FEATURES

- Holds 4 ID codes, 16 addresses in total
- Low battery voltage alarm
- Out of range indicator
- Synthesised channel frequency operation
- Windows based programming software

Customisation Options.

1. Customer specific logo label
2. Programming options
3. Packaging options

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THE COMMUNICATIONS SOLUTION

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SPECIFICATIONS

Parameter	137-174 MHz	410-510 MHz
Radio Specifications		
Paging sensitivity (front tone) **512 bps** **1200 bps** **2400 bps**	7uV/m 8uV/m 10uV/m	
Spurious rejection	More than 40dB	
Image rejection	More than 40dB	
Channel Spacing	25 KHz	
Selectivity	More than 55dB@ +/-25KHz	
Frequency stability	+/-10ppm over -10 ~ +50°C	
Digital modulation system	Carrier frequency shift keying (FSK)	
Deviation	+/-4.5KHz	
Data Specifications		
Signal Format	POCSAG non return to zero (NRZ)	
Bit Rate	512, 1200, 2400 bits per second	
ID Codes	4 ID address codes	
Total Address Capacity	16 unique addresses	
IDROM	Rewritable CMOS ROM	
Alert tones	Standard POCSAG tone cadences 10 additional user selectable cadences	
Alert tone output	75dB SPL at 300mm	
Power & Physical Specifications		
Power supply	AAA alkaline battery	
Normal battery life*	4 weeks (Alkaline cell)	
Dimensions (without clip)	60mm x 41mm x 18mm	
Weight (with battery)	Approx. 40grams (without battery)	

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 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.

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