

Gear Star POCSAG Product Specification

	POCSAG 900 MHZ
Frequency Band	929-932 MHZ
Baud Rate	512, 1200, 2400
Code Format	POCSAG
Paging Sensitivity	Baud 512 : ≤ 5.7 u/Vm Baud 1200: ≤ 8 u/Vm Baud 2400: ≤ 10.3 u/Vm
Selectivity	≥ 50 dB
Spurious & Image Rejection	≥ 40 dB
Frequency Stability	$\leq \pm 3.5$ ppm
Channel Spacing	25 kHz
Receiver Type	Synthesized
Address Capability	6 Pocsag address
Frequency Deviation	± 4.5 kHz
Alert Tone SPL	≥ 78 dB @ 12 in (2730 Hz Standard Alert)
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to +85°C
Power Supply	1CELL -1.2V NiMH Rechargeable Battery
Battery Life (Estimated battery life is based on full battery capacity and 24 pagers/day)	Baud 512 : 9days Baud 1200 : 8days Baud 2400 : 7days
Low Battery Alert level	< 1.24 Volts
Weight with Battery	120 g
Dimensions	110 x 110 x 28 mm (4.33 x 4.33 x 1.1 in)

	VHF BAND	UHF BAND
Frequency Band	137~174 MHZ	450~470MHZ
Baud Rate	512, 1200, 2400	
Code Format	POCSAG	
Paging Sensitivity	Baud 512 : ≤ 5.7 u/Vm Baud 1200: ≤ 8 u/Vm Baud 2400: ≤ 10.3 u/Vm	
Selectivity	≥ 60 dB	≥ 55 dB
Spurious & Image Rejection	≥ 50 dB	≥ 50 dB
Frequency Stability	$\leq \pm 15$ ppm	$\leq \pm 5$ ppm
Channel Spacing	25 KHZ	
Receiver Type	Synthesized	
Address Capability	6 Pocsag address	6 Pocsag address
Frequency Deviation	+/- 4.5 kHz	
Alert Tone SPL	≥ 78 dB @ 12 in (2730 Hz Standard Alert)	
Operating Temperature	0 \square to 50 \square	
Storage Temperature	-40 \square to +85 \square	
Power Supply	1CELL -1.2V NiMH Rechargeable Battery	
Battery Life (Estimated battery life is based on full battery capacity and 24 pagers/day)	Baud 512 : 9days Baud 1200 : 8days Baud 2400 : 7days	
Low Battery Alert level	<1.24 Volts	
Weight with Battery	120 g	
Dimensions	110 x 110 x 28 mm (4.33 x 4.33 x 1.1 in)	