

NP88 POCSAG Product Specification

Band splits	VHF	UHF	900 MHz
Frequency Range	137 – 143MHz 143 – 153MHz 153 – 163MHz 163 – 174MHz	450 – 460MHz 460 – 470MHz	929 – 932MHz
Baud Rate (bps)	512, 1200, 2400 bps		
Code Format	POCSAG CCIR No. 1		
Paging Sensitivity ($\mu\text{V}/\text{m}$) (typical/maximum μV per meter unless otherwise noted):	512:bps: $\leq 5 \text{ u/Vm}$ 1200:bps: $\leq 7 \text{ u/Vm}$ 2400:bps: $\leq 10 \text{ u/Vm}$	512:bps: $\leq 6 \text{ u/Vm}$ 1200:bps: $\leq 8 \text{ u/Vm}$ 2400:bps: $\leq 10 \text{ u/Vm}$	512:bps: $\leq 6 \text{ u/Vm}$ 1200:bps: $\leq 8 \text{ u/Vm}$ 2400:bps: $\leq 10 \text{ u/Vm}$
Selectivity	$\geq 60 \text{ dB}$	$\geq 55 \text{ dB}$	$\geq 50 \text{ dB}$
Frequency Stability	+/- 15 ppm	+/- 5 ppm	+/- 3.5 ppm
Spurious Rejection	$\geq 50 \text{ dB}$		40 dB below carrier
Alert Tone	78 dB @ 12 inches (2730 Hz Standard Alert)		
Operating Temperature	5 °C to 40 °C (40 °F to 105 °F)		
Channel Spacing	25 kHz		
Frequency Deviation	+/- 4.5 kHz		
Power Supply	One 1.5V, AAA-size Alkaline Battery		
Battery Life (Based on 2 pages/day; 24 hour ON; full-capacity alkaline battery)	512 Baud: ≈ 25 days 1200 Baud: ≈ 23 days 2400 Baud: ≈ 20 days		
Weight with Battery	60g		
Dimensions	63.65 x45.0 x17.5mm(2.50 x1.77 x0.69in)		