

GEARSTAR

USAlert, LLC

“a continuation of product and service excellence”

The new *GEARSTAR* pager provides the features, functions and reliability to meet today's *SPECIAL* paging requirements. These easy to deploy pagers feature multiple addresses, loud clear tone alert and a flashing LED display.

The *GEARSTAR* is fully synthesized and available in VHF, UHF AND 900 MHz bands.

The *GEARSTAR'S* high quality construction, loud clear alert and bright LED display will meet *YOUR* needs

Bright ... Light ... Easy to use



SPECIALIZED PAGING APPLICATIONS

FEATURES

- Loud Clear Tone Alert
- Pocsag and Flex Decoding
- 6 Programmable Addresses
- Tone / Vibrate / LED Alert
- 12 unit Stack Charging
- Low Battery Alert



PERFORMANCE SPECIFICATIONS

PERFORMANCE

SPECIFICATION	VHF	UHF	900 MHz
Baud Rate	512 / 1200 / 2400	512 / 1200 / 2400	Pocsag 512 / 1200 / 2400 Flex 1600 3200 6400
Code Format	Pocsag	Pocsag	Pocsag / Flex
Alerting Sensitivity Pocsag	512 ≤ 5.7 u/Vm 1200 ≤ 8 u/Vm 2400 ≤ 10.3 u/Vm	512 ≤ 5.7 u/Vm 1200 ≤ 8 u/Vm 2400 ≤ 10.3 u/Vm	512 ≤ 5.7 u/Vm 1200 ≤ 8 u/Vm 2400 ≤ 10.3 u/Vm
Alerting Sensitivity Flex	NA	NA	1600 ≤ 8 u/Vm 3200 ≤ 11 u/Vm 6400 ≤ 13.5 u/Vm
Selectivity	≥ 60 dB	≥ 55 dB	Pocsag ≥ 50 dB Flex ≥ 40 dB
Spur and Image Rejection	≥ 50 dB	≥ 50 dB	≥ 40 dB
Frequency Stability	≤ 15 ppm	≤ 5 ppm	≤ 3.5 ppm
Channel Spacing	25 KHz		
Alert Tone SPL	≥ 78 dB @ 12 inches on the 2730 Hz standard alert		
Operating Temperature	0 C to 50 C		
Storage Temperature	- 40 C to + 85 C		
Power Supply	1.2 vdc NiMH Rechargeable		
Battery Life Pocsag	(512 Baud: 9 days) (1200 Baud: 8 days) (2400 Baud: 7 days)		
Battery Life Flex	NA	NA	Auto Baud Detect Collapse = 4 10 days
Weight	120 grams		
Dimensions	110 X 110 X 28 mm (4.33 X 4.33 X 1.1 inch)		

GEARSTAR MODELS

A3A1GSP2213	VHF Pocsag
A4A1GSP2213	UHF Pocsag
A6A1GSP2213	900 Pocsag
A6A1GSP2313	900 Flex
B9A1GSP9999Z	Charger
C9A1GSP9999Z	Programmer



OSI International

164 West Royal Palm Road
Boca Raton, FL 33432
(561) 394 9508
www.osiinternational.com