

# 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



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