

# NARROWBAND ALPHA

## ALPHA LEGEND +™

Available with a *true* narrowband receiver design

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USAlert's continuation of advanced paging products and service excellence"

The all new *Alpha Legend* pagers provide the feature rich messaging capabilities and advanced functionality to meet your most stringent requirements. These easy to use features include multiple message slots, message management, mail drop, zoom and all viewable on a electroluminescent display.

The *Alpha Legend* offers 16 addresses and 64 sub-addresses. The Legend has louder alerting and a more rugged design. On / Off Duty addressing has also been added to compliment the additional addressing capabilities for public safety.

The *Alpha Legend* is fully synthesized, programmable and available in VHF or UHF frequencies both supporting POCSAG coding technology.



SYNTHESIZED

- 4 line display or Zoom to 2 line for a larger view
- 16 address
- On / Off Duty available in both units ....
- Battery capacity gauge
- Expanded UL and CE certifications
- 80 dB Alert SPL, more rugged and much more .....

### VHF Frequency Range

Band A 143 – 153 MHz

Band B 153 – 163 MHz

Band C 163 – 174 MHz

### UHF Frequency Range

Band A 450 – 460 MHz

Band B 460 – 470 MHz

### 900 MHz

929 – 932 MHz

USAlert, LLC  
164 West Royal Palm Road  
Boca Raton, Florida, 33432-3830  
Phone: 561 394 9969

Sales: Robert O'Sullivan  
Email: info@usalertllc.com  
Fax: 561 394 9986  
Web: www.usalertllc.com

# ALPHA LEGEND + <sup>TM</sup>

## Features: (and much more)

- 16 RIC codes
- On / Off Duty programmable on each address
- 32 KB message memory capacity
- Wideband or narrowband compatible
- Programmable alert tone cadences
- Dual vibrate mode
- Message time stamp
- Message lock
- Duplicate message detection
- Message retention when off or changing the battery
- Delete individual messages or delete ALL
- 4 lines of text at 80 characters per display
- Zoom to 2 line view
- Message time stamp
- Electroluminescent display
- Selectable vibrate, various tone alert selections or silent operation
- Programmable reminder alert
- Graphic battery level indication

## Specifications:

|                          |  |
|--------------------------|--|
| Sensitivity at Baud Rate | 5.7 uV/m (POCSAG 512 BPS)<br>8 uV/m (POCSAG 1200 BPS)<br>10.3 uV/m (POCSAG 2400 BPS) |
| Modulation               | FSK +/- 4.5 KHz (+/- 2.5 KHz narrowband)   |
| Channel spacing          | 25 KHz (12.5 KHz narrowband)   |
| Adjacent channel         | 50 dB typical  |
| Spur / Image rejection   | 50 dB typical  |
| IM                       | 50 dB  |
| Alert SPL                | 80 dB @ 30 cm  |
| Operating temperature    | -5 C to 40 C   |
| Battery                  | 1.5 Vdc AA Alkaline  |
| Battery life             | 62 days at 512 Baud<br>54 days at 1200 Baud<br>45 days at 2400 Baud                  |
| Dimensions               | 81mm (w) / 55mm (h) / 18.5mm (d)   |
| UL rating                | Class I, Division II, Groups A, B, C and D<br>Class II, Division II, Groups F and G  |