Alpha Elegant DUAL ™
Alpha Legend DUAL ™

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

POWERED BY UNICATION

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The new *Alpha Elegant Dual* and *Alpha Legend Dual* are **two frequency capable** and still 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 Elegant* offers 8 addresses with 32 sub-addresses. The *Legend* increases this to 16 addresses and 64 sub-addresses. Both the Elegant and Legend have 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 *Elegant Dual and Legend Dual* are both fully synthesized, programmable and available in VHF, UHF and 900 MHz frequencies both supporting POCSAG coding technology.

SYNTHESIZED

- Primary and secondary frequencies
- Auto or manual frequency selection
- 4 line display or Zoom to 2 line for a larger view
- 8 addresses / 16 addresses
- On / Off Duty available in both units ….
- Expanded UL and CE certifications
- 80 dB Alert SPL, more rugged and much more ……

VHF Frequency Range	UHF Frequency Range	900 MHz
Band A 143 – 153 MHz	Band A 450 – 460 MHz	929 – 932 MHz
Band B 152 – 164 MHz	Band B 460 – 470 MHz	
Band C 163 – 174 MHz		

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ALPHA ELEGANT ™
ALPHA LEGEND ™

Features: (and much more)

- Two receive frequencies
- Auto or manual frequency select
- 8 RIC codes for the Elegant / 16 RIC codes for the Legend
- 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)
	8 uV/m (POCSAG 1200 BPS)
	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
Battery life	62 days at 512 Baud
	54 days at 1200 Baud
	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
	Class II, Division II, Groups F and G

FEATURES AND SPECIFICATIONS