

# Alpha Elegant DUAL™ Alpha Legend DUAL™

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

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.



- 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

Band A 143 – 153 MHz

Band B 152 – 164 MHz

Band C 163 – 174 MHz

#### UHF Frequency Range

Band A 450 – 460 MHz

Band B 460 – 470 MHz

#### 900 MHz

929 – 932 MHz

SYNTHESIZED

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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