



# ALPHA 2™

**A continuation of advanced paging products and service excellence from USAlert**

**SYNTHESIZED**



#### Features:

- ☑ **Narrowband compliant**
- ☑ **Rugged design**
- ☑ **Rechargeable model available**
- ☑ **2 line "Easy View" display**
- ☑ **4 alerts/ 4 melodies**
- ☑ **Priority override**
- ☑ **Manual alert reset**
- ☑ **Duplicate message handling**
- ☑ **VHF, Mid-band, UHF and 900 MHz.**
- ☑ **RoHS environmental compliance**
- ☑ **FCC / CE / DOC**

The USAlert ALPHA 2 pager provides industry standard messaging capabilities and advanced functionality to meet your everyday requirements. These easy to use features include multiple message slots, message management, mail drop and all viewable on a large 2 line display.

The Alpha 2 offers 6 addresses with 24 sub-addresses, louder alerting and a very rugged design. The plastic enclosure is capable of handling the roughest environments to keep your investment protected at all times.

It is fully synthesized, programmable and available in VHF, mid band, UHF and 900 MHz frequencies all supporting POCSAG coding technology.

The Alpha 2 has multilingual capabilities supporting English, Italian, Spanish, German, French, and Russian languages.

There are three programming methods available in the Alpha 2. USB programming, extensive over-the-air programming capabilities and hand programming. Menu options are available like user profiles allowing the Alpha 2 to be configured on a per user basis

OSI International

**164 West Royal Palm Road, Boca Raton, Florida 33432**

**Phone: (561) 394 9508**

**Fax: (561) 394 9354**

**Email: [info@osiinternational.net](mailto:info@osiinternational.net)**



# ALPHA 2™



## Specifications:

Sensitivity at Baud Rate	5 uV/m (POCSAG 512 BPS) 7 uV/m (POCSAG 1200 BPS) 9 uV/m (POCSAG 2400 BPS)
Modulation	Wideband FSK +/- 4.5 KHz Narrowband +/- 2.5 KHz
Signal Transmission	POCSAG CCIR
Channel spacing	25 KHz / 12.5 KHz narrowband
Selectivity	> 65 dB typical
Spur / Image rejection	> 50 dB typical
Frequency stability	VHF +/- 10 ppm UHF +/- 5 ppm
LCD Display	2 line 16 character
Alert SPL	80 dB @ 30 cm
Message capacity	60 messages 500 character maximum
Operating temperature	-5 C to 40 C
Battery	1.5 Vdc AA
Battery life	Approximately 1200 hours
Dimensions	78mm (w) / 53mm (h) / 20mm (d)
Weight	46g including battery
Approvals	CE / FCC / DOC / ACA – C
Compliance	RoHS
VHF	135 – 143, 143 – 151, 151 – 159, 159 – 167, 167 – 175
UHF	406 – 414, 421 – 427, 429 – 437, 439 – 446, 446 – 454, 454 – 462, 462 – 470
MIDBAND	276 – 284
900 mHZ	929 - 932

FEATURES AND SPECIFICATIONS