

# Kinetic

Avionic Products Limited

*Innovative products for the avionics community*



## **SBS-1 Real-Time Virtual Radar**

A portable low-cost Mode-S/ADS-B receiver designed for both low cost training and the aviation enthusiast. Tracks ADS-B aircraft in real time on a PC using the powerful supplied **Basestation** software. Identifies Mode-S traffic with squawk and altitude. **NB. Real time data cannot be provided in disk or serial form from this device for security reasons.**



## **SBS-2 Professional Mode-S/ADS-B Receiving Station**

A professional standalone receiving station featuring Mode-A/C/S and ADS-B processing, on board database and data output capabilities. Designed for airfields, research, development, analysis and bespoke applications. Includes a built-in PC processor, LCD screen, keyboard and mouse together with network connectivity. Real time data feeds in raw format and ASTERIX Cat 21 format are available.



## **SBS-2M Mode-S/ADS-B Receiving Station with Multilateration**

Combining multilateration and ADS-B techniques, the **SBS-2M** delivers high levels of surveillance integrity, capturing all transponder-equipped aircraft and providing positional data. Designed for non-radar airfields and large inhospitable areas or as a backup system, the **SBS-2M** provides cost-effective situational awareness.



The **SBS-2M** comprises of the **SBS-2** chassis system and a number of remote antenna modules. Remote antenna modules connect to the host either by radio or fibre optic connection.

## **Lightweight Aviation SSR Transponder (L.A.S.T)**

A lightweight Mode-A/C/S and ADS-B transponder designed to keep size, weight and cost to a minimum whilst maintaining performance quality. Easy in-flight operation and low power consumption. Ideal for microlight, ultralight, glider and balloon usage. Various power options are available. (Currently undergoing flight testing and certification – Nov 2005).

### **About Kinetic Avionic Products Limited**

Kinetic Avionic Products Limited specialises in the design, development and deployment of innovative products for the avionics and aviation community. Umbrellaed as part of an ISO 9001-2000 company group with a global customer base, our engineers have designed, developed and deployed DME equipment within the UK and overseas territories.

The use of state-of-the-art technology allows KAPL to produce compact, advanced and highly reliable, industry compliant solutions. Embracing the latest technological advances is a key part of our ethos. Our specialised team of engineers, programmers and technicians work together to innovate pioneering and cost effective products.

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