

# A. T. M. S.

Proven Advanced Technology Solutions

## SKY RADIO 2

High Voltage Line Warning Systems for High-Lift equipment and vehicles  
by **MADE-SA**

- **Protect Personnel & Equipment**
- **Multi Detector**
- **Visual & Audible warning**
- **No False Alarms**
- **Low Maintenance**
- **No Cables to Foul**
- **Fail Safe**
- **Robust Construction**
- **Long Life**

With over **2,000 systems** installed on Cranes, High-Level Work Platforms, Concrete Pumps, Fire Vehicles, etc., **SKY RADIO 2** has proved itself a cost-effective solution to the issues of personnel safety and equipment damage costs associated with mobile high-lift equipment. It is a multi-detector warning system to alert operators of an approach by any part of the high lift equipment to High Voltage lines. By measuring the electric field emanated by the cable, the system gives audible and visual warning when any of the sensors come within three meters of an 11kV line or five meters of a line carrying more than 33kV. Up to **15 sensors** can be mounted on the moving elements, and they communicate with a main processing module via multiple secure radio links. The condition of each sensor and the processing module is checked several times per second so that the operator is immediately warned of any malfunction or failure in the system. **SKY RADIO 2** is of robust and weatherproof construction for operation in all environments and installation is straightforward on new or in-service equipment. Independent testing has established that **SKY RADIO 2** is the best system for assuring the safety of your workforce.



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## SKY RADIO 2

Main Module



## SKY RADIO 2

### Technical Characteristics

Measurement accuracy +/- 30 cm. from an 11kV line

**in a free field from one line**

Power supply - 12 or 24 volts from vehicle

Operating temperature - -20 to +60 °C

Weatherproofing to IP 67

Size – Processing Unit - 80 x 120 x 200 mm.

Sensors – 60 x 80 x 80 mm.

Standards applied EN 50082 CEM & 61010 electrical Safety



## SKY RADIO 2 sensor.

These are simply bonded in place at strategic points on the moving elements of the equipment.

**No cables are required.**

