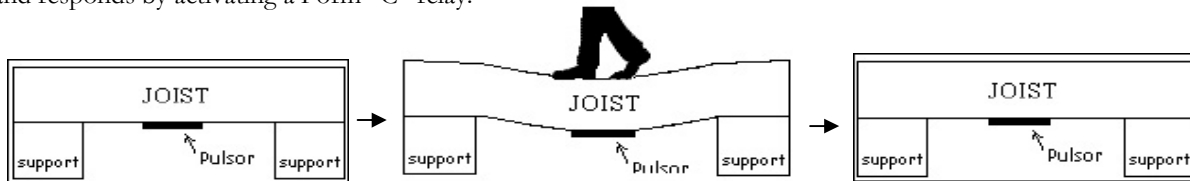




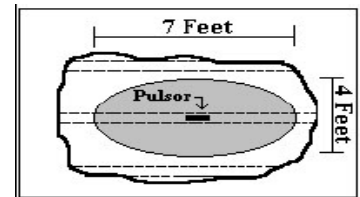
## Information Sheet

**The Pulsor** - The Pulsor is the most stable and versatile motion detector available anywhere. Decade for decade, indoors and outdoors, the Pulsor will outlast and outperform any other motion detector. The Pulsor is a motion sensing device that senses the physical flexing of whatever material it is epoxied to. When a person walks across the floor, the floor, and its supports, will bow downward as pressure is applied. They will then return to normal as the person steps off the beam. The Pulsor senses this flex (*downward and upward*), and a processor analyzes this change and responds by activating a Form “C” relay.



Pulsors are environmentally sealed and utilize 24 gauge marine grade wire so they can be mounted indoors or outdoors. They will not respond to vibration, shock, snow loads, building settling, airborne items or environmental conditions (including pets up to 27 kilograms). They sense only the unique flexing of the floor caused by a person’s movement. The sensitivity of the Pulsor is fully adjustable from the processor.

Consider each Pulsor as a landmine protecting an area of the floor through which a person is most likely to pass. The average area of detection will be an oval two metres (2m) along the joist and one metre (1m) across the joist. This oval will vary with different types of construction and the location in which the Pulsor is mounted.



### **Versatility - Security** (The SU-STDP or SU-ENHP will cover most security applications)

The Pulsor has been used in a wide variety of security applications both indoors and outdoors. The Pulsor is the ideal solution for residential systems with pets up to twenty-seven kilograms (27kg) as well as applications without pets. Commercial buildings are another popular location for the Pulsor. Though residential and commercial buildings are the most common applications, the Pulsor has been used for security in numerous other areas.

- |                                |   |
|--------------------------------|---|
| * Steel fire escapes           | * Steel catwalks in Open Pit mining operations          |
| * Cockpits of airplanes        | * Roller-coaster frames to initiate automated sequences |
| * Chain link fence posts       | * Tractor trailer beds to detect unauthorized entry     |
| * Display platforms in museums | * Picture frames to detect removal                      |
| * Under window sills           | * Inside doors jams (anti-pry protection)               |

### **Home Automation** (The SU-ENHP or SU-HPP will cover most home automation applications)

The Home automation industry is increasingly incorporating security functions into total home control. The Pulsor is being used more and more in this capacity to provide general motion detection and for localized spot protection. Currently, turning on lighting is probably the most common application, but is certainly not the only use for the Pulsor. The applications are virtually endless. What can you do with the activation of a Form “C” relay? Some popular locations are:

- |                               |   |
|-------------------------------|---|
| * Top and bottom of stairs    | * His and Her sides of the bed                |
| * In front of closet doors    | * Outdoor decks for lighting and annunciation |
| * Water activation in showers | * Fan activation in restrooms                 |
| * Camera/VCR activation       | * Activation of heating/cooling systems       |

### **Marine** (The SU-MGPKIT or SU-ENHM will cover most marine applications)

Another growing area is the marine industry. People are becoming more security conscious about their boats. The Pulsor is increasingly being used on Yachts and mega-yachts of 100 feet and up. Vessels such as these have a 24-hour crew so the Pulsor is used for restricted access and camera activation.