



**A winner of the Design Council's Millennium Products award for innovation**



*Protecting Multiple Items*



*Protecting Single Items*

## ***Xtra-Sense Security Systems***

**An award winning range of discreet and innovative security devices to protect objects on display, so reducing the risk of theft, and lowering insurance costs**



*Xtra-Sense* can be installed without detracting from the aesthetic or merchandising design of the display, satisfying the often conflicting requirements of display designers and security staff. There are no obtrusive wires or tags stuck to the display items.

By detecting the removal of or tampering with objects on display, *Xtra-Sense* provides an "extra pair of eyes" for staff. The product can trigger a range of alarm options from a simple siren within a stand alone design, to a wire or wireless link into larger security systems.

The design gives the product unrivalled flexibility, and it can be used with most existing display arrangements. Display systems where *Xtra-Sense* has been used include:

- ***Display plinths or stands***
- ***Shelves and shelving systems***
  - ***Cabinets***
  - ***Table top displays***
  - ***Wall hung art***

Fitted discreetly into or beneath a display, *Xtra-Sense* effectively makes the display surfaces sensitive to changes in weight on them. Multiple objects set out on the surfaces also become sensitive to weight changes, so that attempts to tamper with or remove any of them will be detected. Self adjustment to the different weights and number of objects on the display is automatic. The type and number of items is limited only by the minimum weight sensitivity and maximum total weight capability of the system supplied.

Paintings and other wall hung items are guarded against efforts to remove or damage the items by detecting changes in the pressure exerted between the painting and wall.

No complex installation or setting up is required. *Xtra-Sense* products can be purchased and installed without the need for specialist help or tooling.

Unlike pressure mats and limit switches, *Xtra-Sense* does not depend upon making or breaking a contact to trigger the alarm. Therefore, it is not limited to protecting a single item, and does not suffer the reliability problems inherent in items with moving parts.

Its high level of reliability, and immunity to vibration, minimise the disruption from false alarms.

*Xtra-Sense* detects changes in weight, so it cannot be fooled by using extra weight to hold a moving contact system in its non-alarmed state. Any addition of weight to a protected surface will trigger the system.

## ***The Xtra-Sense Range of Products...***

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**Xtra-Sense** systems comprise one or more small load sensors wired together and connected back to an electronic control or alarm box. Typically, the sensors are used to support the display system, such as a pedestal, shelf, or other display surface. The control box supplies the alarm signal, and is powered either by batteries, or from a mains power supply.

### ***Plinth Systems...***

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Sensors and electronics are built into a display plinth or pedestal to create a fully portable security system for showing one or more objects.

Simple audible alarms can be mounted in the plinth for a stand alone system.

Alternatively the unit can be used to trigger other devices mounted within the plinth, such as radio transmitters signalling to larger security systems.



### ***Kit Systems...***

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**Xtra-Sense** can be purchased as kits comprising sensors, wiring and electronic control boxes to be simply plugged together as required.

Installation and connection is simple, and the system is easy to dismantle and alter as display requirements change.

Sensor strings and networks can be built up to fit a wide range of displays, such as shelves, table-tops, and floor mounted plinths. Additional components and modules can be added as needed to expand the system.

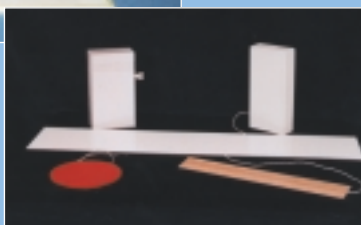
Simple audible or visible alarms can be mounted in the control box for stand alone systems. Alternatively the unit can be used to trigger other devices mounted within the box, such as radio transmitters signalling to larger security systems.



### ***Pad Systems...***

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A combination of the plinth and kit systems, pads are simple plinths fitted with sensors only. To operate as a system the pads must be plugged into an electronic control box.



Pad systems are ideal where the required display plinths are too small or too thin to incorporate the control electronics. Like kits, a number of pads can be connected to each other in a string or network linked to a single control box.

## Painting Systems...

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Small battery powered units that are slim enough to locate behind paintings or other valuable items hung on walls. Provided the units are supported against falling, there is no requirement to fix them to either the wall or painting. The device is activated by both a release of pressure caused by the paintings removal, and by any additional pressure such as that due to an attack on the painting.



Stand alone devices with an on-board sounder are used for simple applications. Systems providing wireless signalling from the painting into a larger building alarm offer a solution to more complex security requirements.

## Miscellaneous Systems...

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The potential uses for the *Xtra-Sense* technology is enormous, and the range of applications in which it is being used continues to grow. We have experience in adapting the concept to new and proprietary requirements. If none of the existing product types appear to suit your requirements, please contact us for a discussion of alternatives. We welcome the opportunity to work with you to develop systems for your needs.

## Key benefits...

- **Unobtrusive** - no unsightly wires or chains attached to the products being protected. Displays highlight the items not the security system.
- **Protection of multiple items on a shelf or stand** - each item is individually protected irrespective of the variety of item weights on the shelf or stand\*.
- **Proven reliability** - robust construction and tamper proof, with minimal false alarms. Maintenance is limited to changing the battery, or checking the power supply.
- **Simple to operate and install by staff** - no complex installation or setting up is required. Once powered up, the system is self-adjusting.
- **Clear audible alarm signal** - soft or loud alarm options are used to attract the attention of staff when an item is removed from its display position.
- **Options available** - *Xtra-Sense* can be linked to radio transmitters, CCTV cameras, voice messages, pagers, or in-store lighting for an integrated security system.

\*subject to minimum sensitivity specification

To learn more about *Xtra-Sense*, or request a demonstration, please contact Staplethorne Xtra-Sense Ltd. We undertake to provide a professional and confidential response to your security needs and look forward to discussing how our security systems can help you to optimise your displays, or maximise sales, while providing the security cover you need.

**Staplethorne Xtra-Sense Ltd** 2 Devonshire Court Heathpark Honiton EX14 1SB United Kingdom  
Tel: 01404 43366 Fax: 01404 41455  
email: [security@staplethorne.co.uk](mailto:security@staplethorne.co.uk)  
Web Site: [www.xtra-sense.co.uk](http://www.xtra-sense.co.uk)