

Xtra-Sense Model PIC4 Painting Alarm



The Model PIC 4 Painting Alarm is a fully portable, battery powered security detector for wall hung objects. It can simply be supported from the same hook or hanging system as the object, and requires little or no setting up. It offers the facility to provide an alarm signal, both at the painting, and at a remote location.

There is no requirement to attach the unit to the painting, making it ideal where items are either changed or moved regularly. It is also well suited to protecting works of art where fixing an alarm unit to the artwork could result in an unacceptable degree of damage.

It also has an exceptionally high immunity to false alarms caused by vibration and wind movement.

Applications include museums, art galleries, and corporate art collections.

The unit is 155mm long, 125mm wide, and 15mm deep, and is supplied in a black plastic casing.

Key Benefits

- Painting alarm detector is not fixed to the painting
- System provides a wireless link to a remote alarm, plus a local warning at the painting
- Detector has an excellent immunity to false alarms caused by vibration and wind movement
- System can be highly portable and easy to set up for temporary use

Painting Alarm Detector

The painting alarm detector is a fully portable, battery powered device, which can simply be hung behind the painting in a similar way to the **PIC1** model.

Units operate by monitoring changes in the pressure between the painting and the supporting wall, down to approximately 15g or 0.5oz. Removal of the painting will release the pressure, and activate the alarm. The unit will also detect increases in pressure between the painting and wall that may be caused by vandalism of the art. The design incorporates a very high level of immunity to vibration to avoid false alarms.

On detecting an alarm condition, the unit will emit a low intensity audible alarm (75dB @ 30cm) as a local warning. The **PIC4** is also be fitted with a short range radio transmitter to interface with the **Xtra-Sense MSL** products, enabling signalling through the mains power wiring to report an alarm to a remote location (see over for more detail).

As an alternative to the wireless link to the **MSL** products, the **PIC4** can be supplied with the facility to trigger radio transmitters from other manufacturers to link it into other wireless security systems.

With no activations, battery life is approx. 2 years, and a small number of daily activations of short duration will not reduce the battery life significantly. The unit includes a low battery warning.

Linking to the MSL Signalling Systems

The **MSL** signalling products provide systems for sending alarm signals through the existing mains-power wiring within buildings to enable alarms to be routed to a remote location without the need for additional wiring. For more details see the leaflet on the **MSL Signalling Systems**.

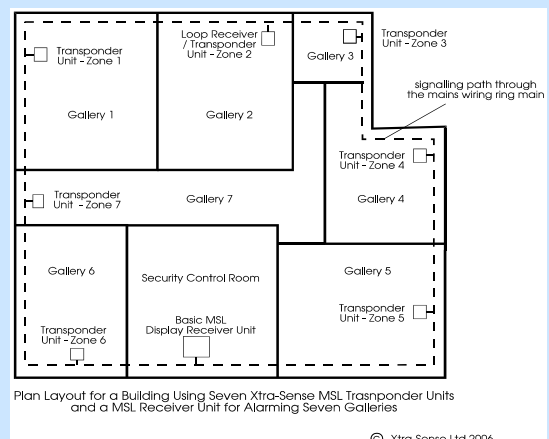
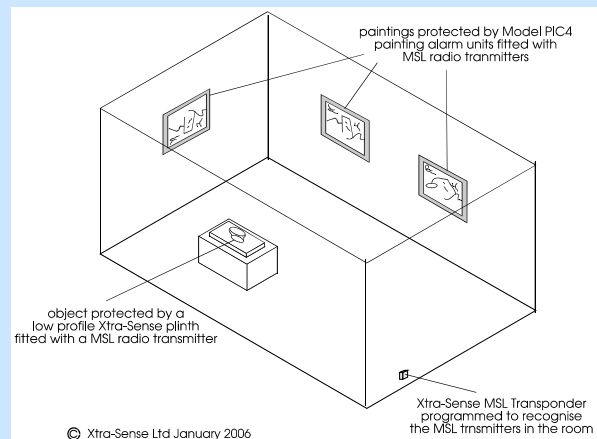
When fitted with an **MSL** radio transmitter, the **PIC4** can interface into the **Xtra-Sense MSL** communication products to create a multi-zone security system.

Typically, all **PIC4** units within a room or zone will be set to trigger a **MSL** Transponder located within, or close to, the relevant room or zone.

The **MSL** Transponder forwards its own signal into the mains power wiring of the building identifying the room or zone where the alarm was activated.

This signal is detected by the **MSL** Display Receiver located at a Control Room or Reception area elsewhere in the building, and the number of the room / zone is displayed.

The **MSL** signalling products offer either a 15 Zone or 99 Zone system.



A simpler and lower cost solution where signalling distances are limited is to eliminate the **MSL** Display Receiver, and simply use an **MSL** Transponder to provide a remote audible warning when an alarm is activated. This option provides no identification of the source of the alarm.

System Options

The **PIC4** Detector has the facility to trigger third-party radio transmitter units. Any third-party units would need to be integrated to the **PIC4** through either a custom made casing, or by simply "bolting" the detectors and transmitter units together.

Please contact Xtra-Sense Ltd for more information on the options available.

