

Xtra-Sense Model PIC1 Painting Alarm System

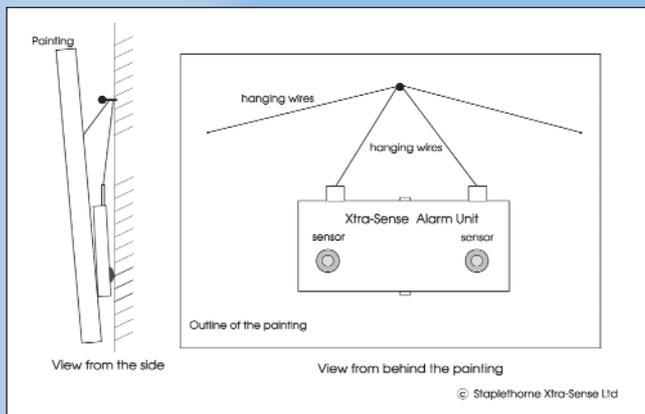


The Model PIC 1 Painting Alarm product is a fully portable, battery powered security unit for wall hung objects. It can simply be supported from the same hook or hanging system as the object, and requires little or no setting up.

There is no requirement to attach the unit to the painting, making it ideal either where fixing the alarm unit to the art work is unacceptable, or where items are changed or moved regularly.

Applications include museums and art galleries.

The basic alarm device is 140mm long, 75mm wide, and 15mm deep. It is supplied in a white metal casing.



Units operate by monitoring changes in the pressure between the painting and the supporting wall. Removal of the painting will release the pressure, and activate the alarm. Set correctly, the unit will also detect increases in pressure between the painting and wall that may be caused by vandalism of the art. The level of sensitivity is approximately 15g. The system has excellent immunity to vibration to prevent false alarms from factors that might cause the painting to shake.

The Alarm Signal

Standard units incorporate a simple low intensity audible buzzer or alarm. The typical rated sound level for the buzzer is 80 - 85dB @ 30cm. These provide a local warning to staff, without creating an intrusive or uncomfortable sound level.

The duration of the alarm signal is adjustable up to a maximum time, which can be specified by the customer. A typical period of activation is up to 4 - 5 seconds. The alarm will reset automatically after triggering.

Where a low intensity sounder is insufficient, the units can be specified to trigger alternative output devices such as third party radio transmitters to provide a wireless link to a larger integrated security system.

Battery Life

With no activations, battery life is in excess of 30 months. A small number of daily activations of short duration will not reduce the battery life significantly. The unit includes a low battery warning.



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