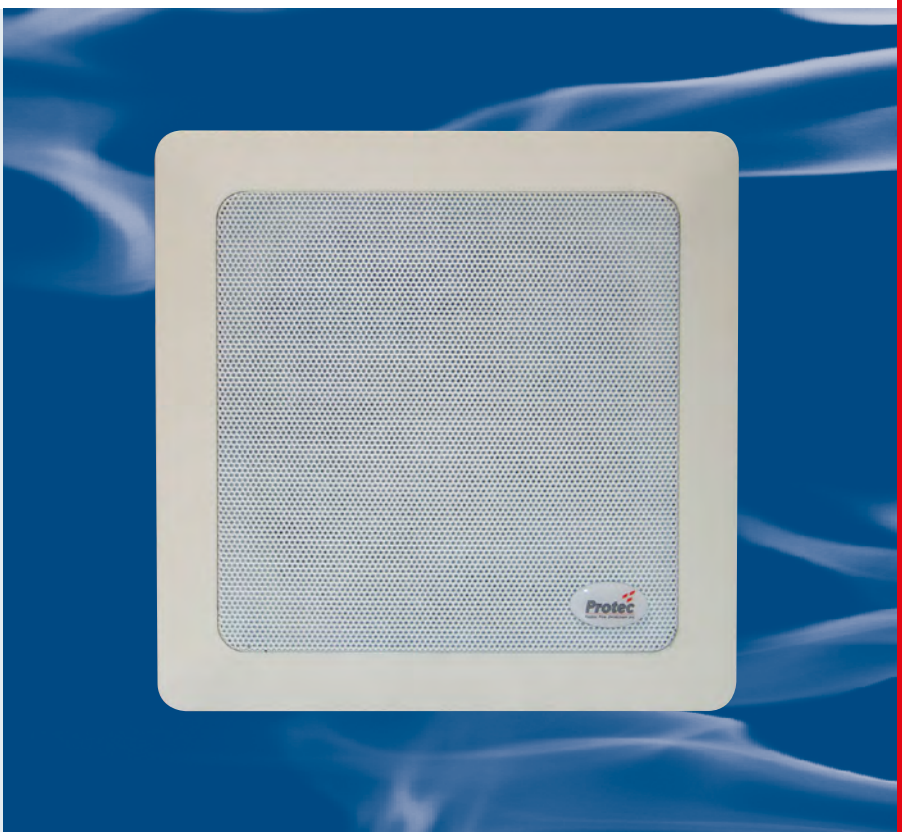
Protec Fire Detection plc

3000/AFS Animal Friendly Fire Alarm Sounder

Fire Detection - Non Addressable

- Simple to install and commission
- Minimises discomfort to animals, while clearly alerting human beings to an alarm condition
- Compliant to Home Office recommendations
- Circuitry designed to eliminate frequencies above 470Hz in line with results recommended by research
- High output level with four attenuation levels available
- Voice versions available upon request



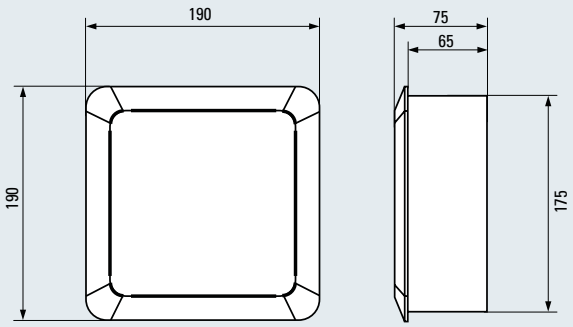
The Protec 3000/AFS Animal Friendly Fire Alarm Sounder has been specifically designed to be fitted in locations where the use of a standard electronic sounder, or bell, could cause discomfort to dogs, cats and smaller mammals.

Studies have been undertaken which show that the use of special tones (typically in the sub 470Hz frequency region) minimise distress to animals whilst still providing clear notification of an alarm condition to human beings.

This product uses a bespoke tone which has been specifically designed for such a purpose, coupled with low distortion electronics and special transducers to eliminate frequency components above 470Hz.

Technical Specification

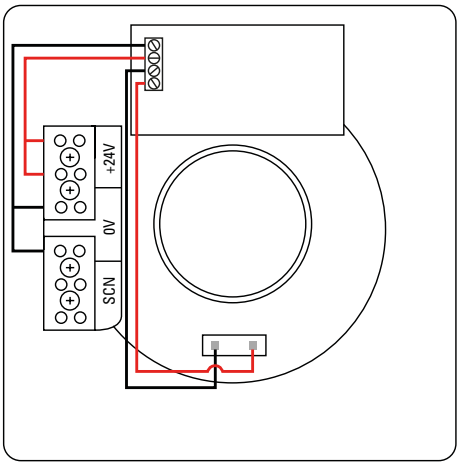
Dimensions (mm)



Technical Specification:

Environment	0 to 50°C, 0 to 95% RH (no condensation or icing)
Operating Voltage Range	18 to 28V DC
Operating currents	Average of 100mA at full output, 24V DC Peak of 300mA at full output, 24V DC
Sound Pressure Level (SPL)	95dB(A) at 1m under anechoic conditions
Attenuation settings	-3dB, -6dB, -9dB and -12dB from full output
Tone Cadence	Tone for 500ms, silence for 500ms, tone for 500ms, silence for 1s, then repeat
IP Rating	IP21 (not suitable for outdoor use)
Flammability rating	V1 - ABS
Fixings	3 point, upper one with keyhole mounting
Weight	1.5kg
Colour	RAL9010
Connections	24V in/out, 0V in/out, screen in/out on ceramic body terminal block capable of accepting 2.5mm² CSA cables

Wiring Diagram



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