Introduction to the LFS Attack Detector Series

Low Frequency Stress Detector (LFS) is Installed in Clearing Banks & Financial Institutions

Key Advantages of the LFS Detector: Versatile Detection Applications:

- Extremely high level of immunity to false alarms.

- Offers a range of possible alarm output conditions.

- Straightforward set up, and requires minimal adjustment.

- Fitted to ATMs, safes, teller assist units, strong room doors, walls, ceilings and other secure storage containment.

Principle of Detection and Benefits: The LFS is designed to protect areas/hardware containment which are subject to attack. The LFS virtually ignores airborne noise or vibration externally to the structure, only the distortion stress and cumulative noise generated within the construction material is detected within the area of attack. This in itself provides an extremely high immunity to false alarms. This technology has been extended to strong room walls, ceilings, security doors, semi secure housings, Automatic Teller and Ticket machines and construction applications. Substantially reducing the associated cost and inconvenience of false alarms, in addition retaining the integrity of the security system.

Simulated attacks on security, strong room and ATM fascia panels :

Grinder forced entry tests, drilling, oxyacetylene torch attacks are detected within the area of coverage. Vibrations caused by possible vandal aggravation, traffic and ambient sources are virtually ignored.

The LFS Attack Detector Technology is installed in all major clearing banks, financial institutions, museums, and commercial premises. The immunity to false alarms is due to the unique two stage detection electronics. The LFS series of products effectively provide a reliable detection method and are not subject to false alarms associated with vibration sensors and the like, and is installed by brand name security companies for the major clearing banks in the United Kingdom

Complies with the Security Grade 3 requirements of EN 50131-1:2006
Complies with the EMC requirements of EN 50130-4:1996
Complies with the requirements of BS4737: 3.0:1988 Sections 3.1 – 3.5, 4, 5, 7, 9, 10
Complies with the requirements of BS7042: 1988: Sections 3.2.1, 5.5, 10.3.2, and 10.3.4.
All specifications are subject to change without prior notification.

CROSSPATH SERVICES LTD

L.F.S.®

LOW FREQUENCY STRESS DETECTION