VANDERBILT

Glass break detectors

First Class acoustic glass break detection form Vanderbilt

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Vanderbilt acoustic glass break AGB detector series

Building on the outstanding false alarm immunity and fast, simple installation of the previous AGB600 acoustic glass break detector, the AGB800 & AGB800-AM are the latest state of the art Vanderbilt glass break detectors for monitoring one of more areas of glass. Developed with the latest microprocessor technology, which incorporates advanced algorithms monitoring the room acoustics (Digital Room Compensation, DRC). These algorithms reliably distinguish between glass breaking and other internal noises.

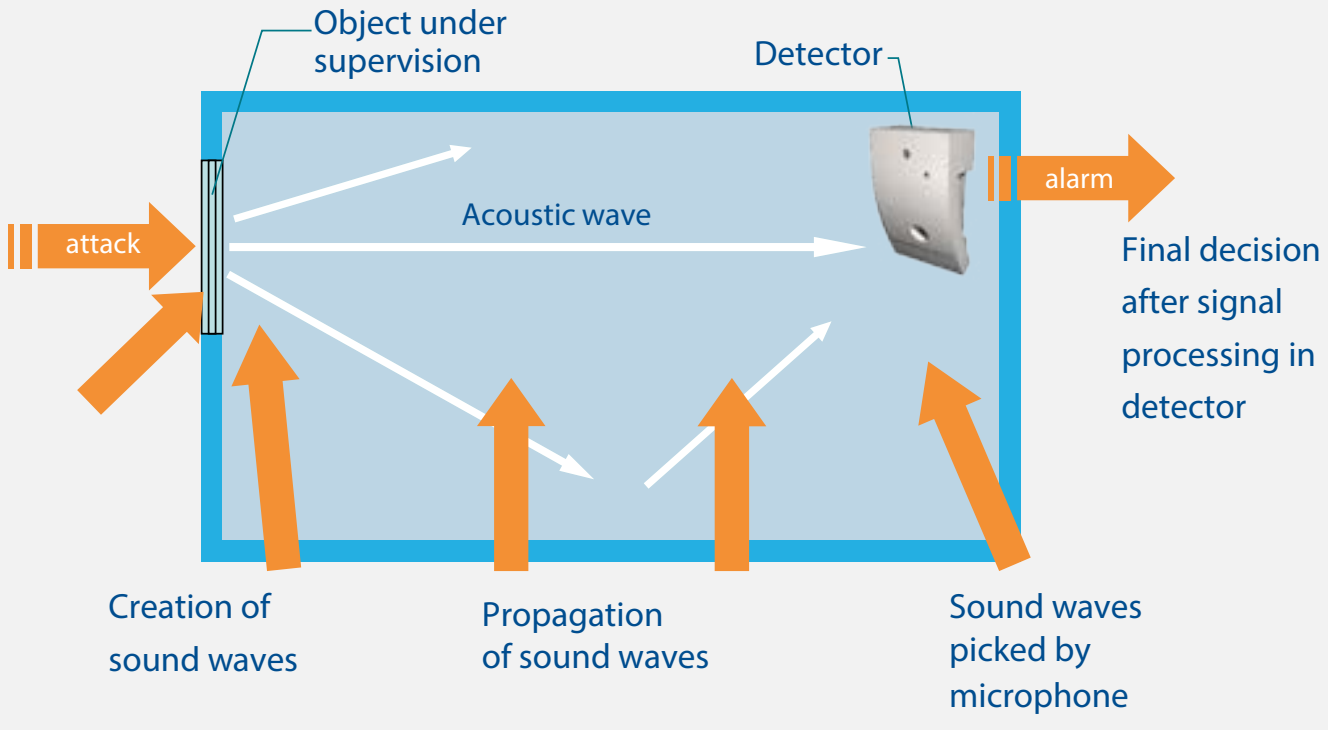
Both models are suitable for internal use and can be ceiling or wall mounted facing the direction of the glass being protected. Multiple window monitoring is achievable due to the 9 metre detection distance over a range of 165º.

The AGB800-AM, has the same solid foundation of the AGB800, with the added functionality of anti-mask. At the time of writing the AGB800-AM is the only acoustic glass break detector to pass the rigorous requirements of EN50131-2-7-1:2013, Grade 3 for high security installations. The AGB800-AM anti-mask functions provides unique tamper protection, which is signaled via a separate relay.

Why chose Vanderbilt glass break detectors?

After extensive research and tests Vanderbilt AGB800 detectors have been evaluated in more than 2000 break scenarios, where more than 20,000 disturbance signals have been recorded and analysed. Consequently during testing the detectors achieved 100% test results across sequential breaking of glass.

Example of sound propagation & detection



Features overview:

- First-class monitoring of various glass types including standard glass, tempered glass, laminated glass and foiled glass
- Advanced signal handling with microprocessor
- High immunity to false alarms
- Unique serial number embedded in each detector

- DRC, Digital Room Compensation
- Integrated event memory
- Test functionality with the acoustic tester ADT 700
- Easy set up using DIP switches
- Low voltage monitoring

- Tamper protection
- Market leading Anti-Mask (AGB800-AM)
- Wider voltage range, lower current consumption, increased operating temperature range
- Approvals EN grade 2 & VdS Class B - AGB800
- Approvals EN grade 3 & VdS Class B - AGB800-AM

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