

Code: AD800-AM

ACOUSTIC GLASS BREAK DETECTOR **AD800-AM** ALARMTECH

The AD800-AM is a modern detector with an active anti-masking function, detecting any attempts to break in through windows or glazed wall and door elements. The detector is built on the basis of the latest technology in the field of microcontrollers with software that takes into account many factors related to room acoustics (digital room acoustics compensation DRC), which enables precise distinction between the sound of glass breaking and other sounds.

It is equipped with two independent relays indicating glass break (intrusion) and signaling microphone sabotage (fault). It has a two-channel microphone tamper detection system: an AM acoustic channel, operating at frequencies that are completely inaudible by a human, and an IR channel that detects objects in the immediate closeness of the microphone.



Detection:	Glass break detector
Range:	9 m / 165 °
Sensitivity adjustment:	—
Alarm signaling:	LED indicator, Signal to control panel
Relay contacts rating (resistive load):	50 mA / 50 V DC
Main features:	<ul style="list-style-type: none"> • detection of breaking plate, laminated or tempered glass - Glass thickness : max. 4 mm, laminated P2, P4 : 4 + 4 mm, Glass size max. 6 x 6 m • DRC - digital room acoustics compensation • Patented active "Anti-Masking" technology
Power supply:	7 ... 30 V DC
Current consumption:	12 mA @ 12 V DC 7.3 mA @ 24 V DC
Environment class:	I
Safety class:	EN 50131-2-7-1:2013 Grade 3
"Index of Protection":	IP31
Housing:	Plastic (ABS)



DATA SHEET

Color:	White
Operation temp:	5 °C ... 40 °C
Weight:	0.1 kg
Dimensions:	68 x 109 x 40 mm
Manufacturer / Brand:	ALARMTECH
Guarantee:	2 years