



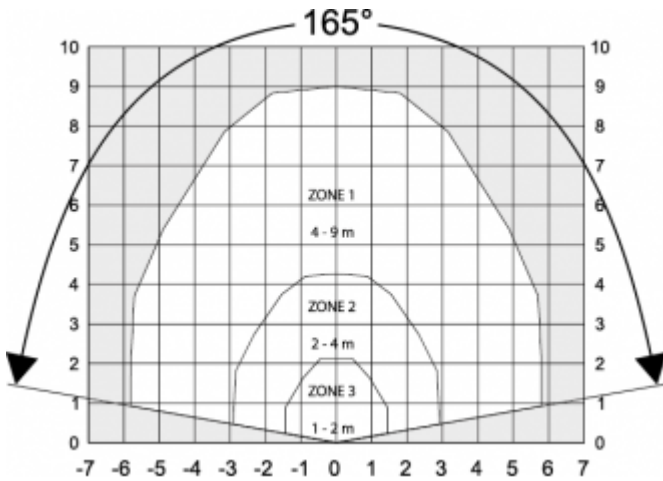
AD 800-AM

Category: [AD series of Acoustic Glass Break Detectors](#)

The AD 800-AM Acoustic Glass Break Detector is a modern tool for detecting any attempt to enter a protected area by breaking glass window or door pane. It is developed based on the latest microcomputer technology with a number of advanced algorithms connected to the acoustics of the room (digital room compensation DRC). Due to these algorithms, the detector can precisely distinguish the signal of breaking glass from other noise signals and provides 100% resistance to false alarm sources. The AD 800-AM is equipped with an anti-masking function (AM) with a separate relay for added security. In case of sabotage to either microphone or AM-signal generator, the detector will give an AM-alarm. It is for indoor use and can be mounted either on the ceiling or on the wall, opposite to the protected window(s). Coverage range is 165°, which means the detector can protect several windows in one room.

Please note: Avoid mounting the detector close to air vents.

Detection range



Supply voltage	7-30 VDC
Max ripple voltage	2 Vpp @ 12 V , 4 Vpp @ 24 V
Current consumption quiescent	12 mA @ 12 V, 7.3 mA @ 24 V
Alarm output	Relay, NC
Alarm output parameters	50 mA/50 V DC
Tamper protection of microphone	2 channels (acoustic AM, infrared IR)
Tamper protection against cover removal	Yes
Tamper contact parameters	50 mA/50 V DC
Detection range	9 m / 165°
Alarm indication	LED
Connection	Screw terminals
Operating temperature range	+5°C to +40°C
Housing / colour	ABS Plastic/ White
Dimensions (L x W x H) mm	110 x 68 x 39
Environmental class	EN50130-5:2011, klasa I
Maximum thickness of protected glass	float (4 mm), laminated P2 (4 mm + 4 mm)
In conformity with	EN 501131-2-7-1/A1:2013
Security grade	3
Approvals	Ce in conformity