

AD 800-AM

Acoustic Glass Break Detector with Anti-Mask

**Product :**

Zone de couverture max.	9 m radius / 165°
Certifications	EN 50131-2-7-1:2013 Grade 3, VdS G117504, class B , SBSC 16-676 Class 3/4, F&P, FG, NBÜ CZ Typ 3, NBÜ SK Typ 3
Surface vitrée recommandée	Float glass 4 mm, laminated P2, P4 (4 mm + 4 mm)
Surface vitrée max.	6 x 6 m
Tension de l'alimentation	7 - 30 VDC
Consommation électrique	12 mA @ 12 V, 7.3 mA @ 24 V
Sortie alarme	Relay, NC 50 mA, 50 V DC/peak AC, $R_s \leq 30 \Omega$
Cote commutateur	50 mA, 50 V DC/peak AC, $R_s \leq 30 \Omega$
Indicateur d'alarme	LED
Autoprotection / Cote	Yes / 50 VDC / 50 mA
Cote relais contact INTRUSION et ERREUR	Relay, NC 50 mA, 50 V DC/peak AC
Connexion	Screw terminals
Température de fonctionnement	+5 to +40°C
Matériau du coffret, couleur	ABS plastic, White
Indice de protection	IP 31
Dimensions (L x l x h) mm	68 x 40 x 109
Grade	3

**Product description:**

AD 800-AM is a new generation of acoustic glass break detector with Anti-Mask function which meets the requirements for **grade 3** of the new standard **EN 50131-2-7-2:2013**. The detector is based on the latest microprocessor technology and has a number of advanced algorithms connected to the acoustics of the room (Digital Room Compensation, DRC). Thanks to these algorithms, the detector can distinguish a glass breakage signal from other interferences and boasts high immunity to false alarms. AD 800-AM has a newly developed active Anti-Mask function (overlay protection) with separate relay output for enhanced security. If attempts are made to tamper with the microphone or sensor, an Anti-Mask alarm is triggered. Intended for indoor installation, the device can be mounted either on a ceiling or wall, opposite to the protected glass. The detection range spans 165°, which means that one detector can monitor multiple windows in a room. The detector is able to detect standard, tempered and laminated glass.

NOTE: Avoid mounting the detector in the corner of a room, close to louver windows and ventilation grills.

Related products and accessories**ADT 700**

Acoustic Tester for AD series (700/800-AM)