

Addressable Detection

*Power & Communications
via
Two-Wire Addressable
Multiplex Loop*

AMA-100 Glass Break Detector

*Dynamic Sound Analysis
with advanced audio sampling
and digital processing techniques
set new standards for
detector sensitivity
and immunity to false alarms!*

For use with :

MAXSYS®

Hybrid Addressable Security System



- Exceptional microphone frequency range provides excellent sound capture at low sound volumes and distances of up to 25ft. (7.6m).
- Digital Signal Processing analyzes sound in remarkable detail to provide greater detector sensitivity and immunity to false alarms.
- Superior detection of all common types of framed glass including plate, wired, tempered, and laminated. Detector also accommodates different types of frame construction, glass thickness, and room acoustics.
- Jumper selectable sensitivity range.
- High static and transient protection includes reliable MOV circuitry.
- Tamper switch
- AFT-100 Glass Break Tester and test mode jumper ensure reliable installation and response.

SPECIFICATIONS

Electrical :

Operating voltage	9 to 14V RMS*
Current consumption :	
Standby	3.5 mA
Alarm	3.5 mA
Test	5.5 mA
Microphone type	Omnidirectional Electret

Mechanical :

Dimensions (L x W x H)	3.5 x 2.5 x 0.8in (89 x 64 x 20mm)
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Operation :

Glass Type	Sizes	Maximum 'D' Detection Range	
		Level 1 [†]	Level 2 [†]
Plate/Tempered			
1/4" - 1/8" thick (3 - 6 mm)	18" x 18" and up (46 x 46 cm)	25' (7.6 m)	15' (4.6 m)
	12" x 12" to 18" x 18" (30 x 30 to 46 x 46 cm)	15' (4.6 m)	10' (3 m)
Wired/Laminated			
1/4" thick (6 mm)	18" x 18" and up (46 x 46 cm)	20' (6 m)	DO NOT USE
	12" x 12" to 18" x 18" (30 x 30 to 46 x 46 cm)	10' (3 m)	

[†]Jumper selectable

Alarm duration	3 seconds
Additional operating modes :	
Installer test mode	Jumper J1
Detection level (sensitivity)	Jumper J2

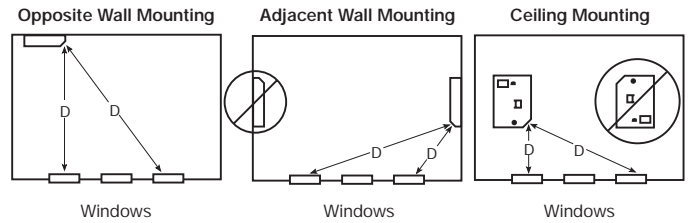
Environmental / Immunity :

Operating temperature	32 to 120 °F (0 to 50 °C)
Humidity	5 to 95% RH non-condensing
RF immunity	20V/m (0.01 to 1200MHz)
Transients @ wiring terminal	2.4 kV @ 1.2 joules
Static discharge	15 kV

* compatible with DSC AML (Addressable Multiplex Loop) voltage

FLEXIBLE INSTALLATION

AMA-100 Glass Break Detector may be mounted on the opposite wall, adjacent wall, or on the ceiling over the protected windows.



AFT-100 GLASS BREAK SIMULATOR



The AFT-100 Glass Break Simulator is a portable, battery operated tester that ensures reliable locating and testing of the AMA-100 glass break detector.

- generates Plate or Tempered Glass sound samples
- 3" full range speaker accurately reproduces the full range of frequencies generated by shattering glass
- single or automatic/continuous sound (sound every 10sec) operation



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