

The addressable glassbreak detector (AMA-100) is “smart” enough to distinguish the sound of breaking glass from other sounds commonly found in homes and businesses. Modeled after our high-quality Acuity™ glassbreak detectors, the AMA-100 incorporates Digital Sound Analysis (DSA) to ensure accurate detection of breaking framed glass (plate, float, tempered, wired and laminated) up to 25 ft away (7.6 m). The low current draw of the detector helps maximize the number of devices that can be attached to an addressable loop.



Product Features:

- ▶ Omnidirectional microphone
- ▶ Advanced microprocessor-based glassbreak sensor
- ▶ High-level static and transient protection
- ▶ 2-wire connection to control panel
- ▶ AFT-100 glassbreak simulator provides reliable installation and response
- ▶ MOV transient/static protection
- ▶ Jumper selectable sensitivity range

Locating the Detector

For optimum protection, the AMA-100 should be placed in clear view of their intended area of protection. Curtains, blinds and other window coverings will absorb sound energy from the shattering glass. If this is a potential problem, mount the detector as close as possible to the protected glass.

Note: Do not mount the detector on the same wall as the protected glass or near objects, such as speakers, that produce prolonged sounds.



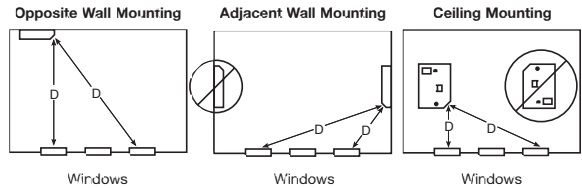
AFT-100 Glassbreak Simulator

The AFT-100 glassbreak simulator provides the most reliable and accurate indication of the correct mounting location for the detector. Do not install the detector beyond the maximum recommended range, even if the glassbreak simulator reports additional range. Future changes in room acoustics could reduce any additional range.

Test for false alarm immunity by creating sounds in the room that will likely occur when the detector is armed.



Mounting Locations



Specifications

Dimensions 3.5" (L) x 2.5" (W) x 0.8" (D)
(89 mm x 64 mm x 20 mm)

Input Voltage 9 to 14 V RMS*

Current Draw:

Standby 3.5 mA

Alarm 3.5 mA

Test 5.5 mA

Microphone Type Omnidirectional Electret

Transients at Wiring Channel 2.4 kV @ 1.2 joules

Static Discharge 15 kV

Alarm Duration 3 Seconds

Additional Operating Modes:

Installer Test Mode Jumper J1

Detection Level (Sensitivity) Jumper J2

Operating Environment 32° to 122° F
(0° to 50° C)

Relative Humidity 5 to 95%

*Compatible with DSC AML (Addressable Multiplex Loop) voltage

Ordering Information:

AMA-100	Addressable Glassbreak Detector
AFT-100	Glassbreak Simulator