

Glass Breakage Sensor Mount Guide (XPG01)



Finding a suitable location

The Glass Break Sensor must always be in direct line of sight of all windows to be protected. The Glass Break Sensor cannot consistently detect glass breaking around corners or in other rooms. There is no required front, back, up or down orientation.

Wall Mount

The best wall-mount location is on the opposite wall, assuming the glass to be protected is within the sensor's range and line of sight. The adjoining wall can also be used

Ceiling Mount

Mount the Glass Break Sensor in a location that has a direct line of sight of the glass to be protected. Since sound travels directionally out from a broken window, a position **7 ft. (2.1 m)** into the room provides better detection.

To determine the best mounting location, mount the Glass Break Sensor:

- **At least 3.3 ft. (1 m) from the windows being protected and at least 4 ft. (1.2 m) from noise sources such as TVs, speakers, sinks, and doors.**
- In the direct line of sight of the glass to be protected.
- In a suitable environment: temperature between 14 and 120°F (-10 and 50°C); and humidity between 10 and 90% noncondensing.
- **On a stable surface up to 23 ft. (7.0 m) from the farthest point on the glass surface.**

Recommended Locations and Range

The Glass Break Sensor is omni-directional, providing 360° coverage. Coverage is measured from the Glass Break Sensor to the point on the glass farthest from the sensor. The sensor can be mounted as close as 3.3 ft. (1 m) from the glass.

The maximum range depends on the type of glass being protected:

- **Armor-coated glass:** Mount the Glass Break Sensor no more than 12 ft. (3.6 m) from the glass.
- **Plate, tempered, laminated, and wired glass:** Mount the Glass Break Sensor on the ceiling or the opposite or adjoining wall. Maximum range is 23 ft. (7.0 m).





[Noise sources]

