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### Round Acoustic Glassbreak

25' Radius with Pattern Recognition Technology™

5812-RND

#### Overview

The 5812-RND detects in a full 360° coverage pattern, with a maximum 25' (7.5m) radius from sensor to glass. Using the patented Pattern Recognition Technology™, the sensor listens for actual patterns of breaking glass while eliminating most false alarm patterns. The 5812-RND listens across the glassbreak frequency spectrum for greater false alarm immunity.

In independent lab tests, the 5812-RND technology provides 25% better false alarm immunity than industry leading glassbreak sensors.

The 5812-RND can be tested without opening the sensor by activating a hand held glassbreak tester at close range. A simple hand clap feature lets end users confirm at any time that the 5812-RND is powered up.



#### Standard Features

- 25 % better false alarm immunity than industry leaders\*
- All new, easy-access design
- End-user can test sensor operation with a clap of the hands
- Alarm memory

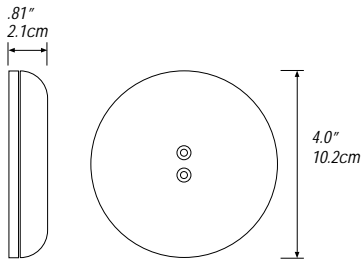
\* Wyle Lab glassbreak testing, May 2000

# Round Acoustic Glassbreak

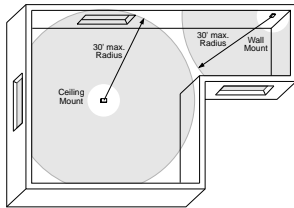
25' Radius with Pattern Recognition Technology™

5812-RND

## Dimensions



## Mounting Location



## Specifications

<b>Electrical</b>	
<b>Input voltage</b>	9- to 16VDC
<b>Current</b>	
<b>Typical</b>	15mA
<b>Maximum</b>	25mA
<b>Electrical configuration</b>	Form A
<b>Field wiring size</b>	18-24AWG
<b>Relay rating</b>	16V, 50mA max.
<b>Detection range</b>	3-25' (0.9-7.6m) x 360°
<b>Alarm response</b>	4 sec.
<b>Features</b>	
<b>Minimum glass size</b>	12 x 24" (30.5 x 61cm)
<b>Recommended glass thickness</b>	
<b>Plate</b>	3/32-1/4" (2.4-6.4mm)
<b>Tempered</b>	1/8-1/4" (3.2-6.4mm)
<b>Wired</b>	1/4" (6.4mm)
<b>Laminated</b>	1/8-1/4" (3.2-6.4mm)
<b>Environmental</b>	
<b>Operating temperature</b>	32°-122°F (0°-50°C)
<b>Relative humidity</b>	10 to 95% non-condensing
<b>Dimensions</b>	0.81 D x 4.0" H (2.1 x 10.2cm)
<b>Color</b>	White



## Ordering Information

Model	Description	Color
5812-RND	Acoustic Glassbreak Sensor with round housing, Form A	White
<b>Accessories</b>		
5709C	Glassbreak hand-held tester	White



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