

Wireless Detection

900MHz Spread Spectrum

WLS912 Glassbreak Detector

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

For use with :

Magnis

Stand-Alone Wireless Security System

New
Classic™ Power™ MAXSYS®

Hybrid Wireless Security Systems



900MHz Spread Spectrum wireless technology is superior for security applications because it provides the proven reliability of multiple frequency signal transmission and the high security of an encoded signal. Spread Spectrum also provides more frequent supervisory communications between the control panel and sensor... a critical issue in the protection of lives and property!

- Exceptional microphone frequency range provides excellent sound capture at low sound volumes.
- 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.
- Fully supervised by controller for :
 - tamper
 - low battery
 - device fault
- Internal sensitivity selection switch
- 3 year battery life
- 3 AA alkaline batteries (supplied)
- AFT-100 Glass Break Simulator ensures reliable installation and response.

DSC
Security Products

Digital Security Controls
1645 Flint Road, Downsview, Ontario M3J 2J6
www.dscgrp.com

SPECIFICATIONS

Electrical

Operating frequency 900 MHz
 Power requirement 3 AA alkaline batteries (supplied)
 Microphone type Omnidirectional electret

Supervision

Supervised by controller for tamper, low battery, device fault

Mechanical

Dimensions (L x W x H) 5.31 x 2.31 x 1.31 in
 (13.5 x 5.8 x 3.3 cm)

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)	

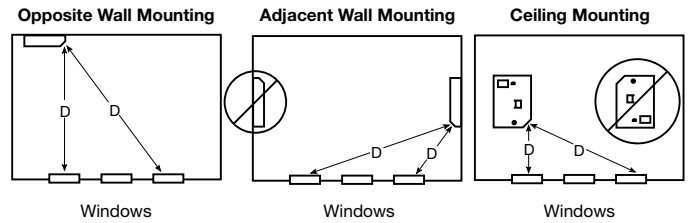
[†]Jumper selectable

Environmental

Operating temperature 32 to 120°F (0 to 50°C)
 Humidity 5 to 95% RH
 non-condensing

FLEXIBLE INSTALLATION

The WLS912 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 WLS912 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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