

GLASSBREAK SENSOR

Model 5845LX

Description

The 5845LX offers a DMP single point loop expander inside the decorative plastic housing of a Sentrol® 5845 Series ShatterPro™ glassbreak sensor. The 5845LX connects directly to the data expansion bus of a DMP command processor using one of the panel's available device addresses.

The 5845LX is designed to detect the shattering of framed glass mounted in an outside wall. The unit can detect the pattern of breaking glass at more than 20 points across the acoustic frequency spectrum. This allows the sensor to detect breaking glass through blinds and light drapes. It also recognizes the so-called quiet break favored by many experienced intruders.

Detection Technology

The 5845LX uses an omnidirectional electret microphone to provide full pattern coverage of the protected area. The unit also incorporates Pattern Recognition Technology™ to ignore most false alarm sounds including testing units. A unique test mode allows the 5845LX to detect the mid-range frequencies produced by the Sentrol 5709C Tester.

Housing Construction

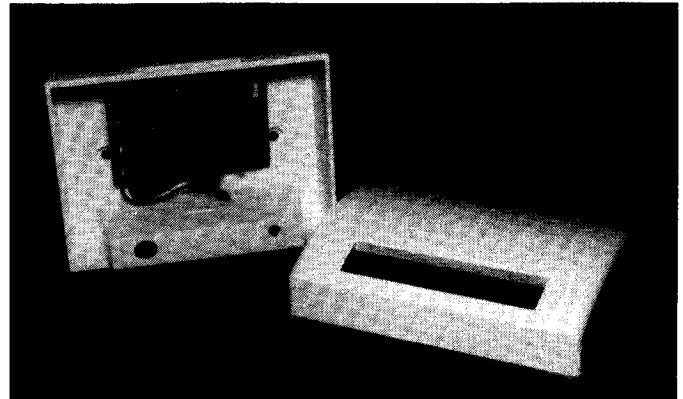
The 5845LX is constructed of fire-retardant ABS plastic that gives the sensor a clean, decorative look and provides for a more durable product. The unit easily mounts to any flat surface using the two anchors and screws supplied. A snap-on cover completes the installation and allows easy access for future maintenance.

Addressing Switches

Addressing the 5845LX is simple and just requires the setting of two BCD (Binary Coded Decimal) switches to match the address of the selected loop number.

Wiring Connections

The 5845LX connects to the data expansion bus of the command processor panel through a single 4-conductor cable. Multiple 5845LX modules can be used together on the same cable to increase the cost savings on each installation.



Features

- Fully integrated glassbreak sensor with DMP single point loop expander
- Easy decimal addressing; no difficult binary switches
- LED flashes to indicate test mode
- Easy connection to 4-wire bus from panel
- Increased immunity to environmental changes
- Status LED on loop expander indicates good communication with panel
- Factory set sensitivity for safer installation
- Durable and attractive plastic housing
- Optional hand-held tester
- Convenient screw terminal connections
- Mounting hardware provided
- Powered from panel or auxiliary power supply
- Individual loop type programming
- Up to 25' detection radius
- Suitable for armor-coated glass
- Test function initiated with the clap of the hands

Specifications

Operating Voltage	8.8 to 15.0 VDC
Operating Current	15mA typical, 20mA maximum
Alarm Duration	4 seconds
Operating Temp	14° to 120°F
RF immunity	20 V/meter, 1MHZ to 100MHZ