

#### TRI-GARD Series:

- The IEI 510 is a patented passive sonic glass break detector designed to detect the sound signals produced by breaking glass, including 1/8" and 1/4" plate glass and 1/4" wired glass. The Tri-Gard features patented signal processing which analyzes all three dimensions of sound, these being Amplitude (loudness), Frequency (tone or pitch) and Rate of Rise in time the signals "amplitude" and/or the "Rate of Change" in time frequency. The ATL (Automatic Tracking Level) allows the Tri-Gard to self adjust to compensate for background noise and/or rising audio signals.

#### FEATURES:

- Patented Three-Dimensional Signal Processing
- Analyzes all three sound dimensions
  - Amplitude
  - Frequency
  - Rate of Rise/Rate of Change
- Automatic tracking level – self adjusting
- Read Range of 60 feet in hard acoustic environment
- 3 LED readout
- Indoors only
- UL Listed

#### SPECIFICATIONS:

- Alarm Relay: SPDT Form C contact
- Operating Voltage: 10.5-16VDC
- Current Draw: 66 mA maximum
- Temperature tolerance: 14F to 120F
- Tamper circuit: Normally closed contact 50 mA @ 24VDC
- Dimensions: 3" x 3" x 3/4"
- Uses IEI 515 tester

- The IEI 550& 552 audio glass break detectors use microprocessor based multiple signature analysis. Both units are self-adjusting, and feature Automatic Gain Control circuits to filter the amplitude of ambient sounds and process all sound that the same volume. This eliminates the need for manual sensitivity adjustments and gives the 550/552LS maximum detection accuracy even in muffled (i.e. curtains, shades, blinds and small glass sizes) and changing environments.

#### FEATURES:

- Specified for plate, wired, laminated & tempered glass
- Glass panes size as small as 6" x 10"
- \*Signature Supervision
- No sensitivity adjustment
- Omni-directional sensitivity
- Indoors only
- UL listed

#### SPECIFICATIONS:

- Alarm Relay: SPDT Form C contact
- Operating Voltage: 10.5-16VDC
- Current Draw: 66 mA maximum
- Temperature tolerance: 14F to 120F
- Tamper circuit: Normally closed contact 50 mA @ 24VDC
- Dimensions: 550: 3" x 3" x 3/4", 552: 4 1/2" x 2 3/4" x 2 1/4"
- Uses IEI 515 tester