

# Signature Series Data Sheet

- IEI's 555 & 557 employ state-of-art Advanced Signature Analysis TM (ASA algorithms to sample frequency bands instead of one or two like other detectors. DSP (Digital Signal Processing) is used to continuously sample and analyze sound. Within milliseconds after an audio event begins, the microprocessor starts processing data. Approximately 1200 comparisons and decisions are made before an event is rejected or confirmed approximately 0.3 seconds later. Multiple signatures are stored in memory and referenced during the confirmation process. The result of this high-tech performance is more accurate glass break detections and improved false alarm rejection in tough environments.

## FEATURES:

- Specified for plate, wired, laminated & tempered glass
- Size and Distance:
  - Minimum glass size: 1' x 1' up to 25 ft. for pate, wired and tempered
  - Reduce ranges by 1/2" for 6" x 10" glass panes.
- \*Signature Supervision
- No sensitivity adjustment
- Omni-directional sensitivity
- Indoor use 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: 555: 3" x 3" x 3/4", 557: 4 1/2" x 2 3/4" x 2 1/4"
- Uses IEI 517 tester

- The Veri-Test from IEI, employ state-of-art Advanced Signature Analysis TM (ASA algorithms to sample frequency bands instead of one or two like other detectors. DSP (Digital Signal Processing) is used to continuously sample and analyze sound. Within milliseconds after an audio event begins, the microprocessor starts processing data. Approximately 1200 comparisons and decisions are made before an event is rejected or confirmed approximately 0.3 seconds later. Multiple signatures are stored in memory and referenced during the confirmation process. The result of this high-tech performance is more accurate glass break detections and improved false alarm rejection in tough environments. The Veri-Test features a momentary push button that protrudes through the front housing that is used to test the microphone whenever the user wishes to test operation, providing assurance of correct operation.

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