

# VITRON *plus*

*Acoustic Glass-Break Detector  
for wall or ceiling mounting*



*Wall/ceiling mount  
RG 70/71*

*Flush mount  
RG 70FM/71FM*

## Totally reliable, VITRON *plus* averts false alarms.

With VITRON *plus* the protected area's acoustics are sampled up to 40,000 times per second through an advanced microprocessor technology.

By analysing actual frequencies in 30 interrelated time slots, VITRON *plus* is able to make the right decision. VITRON *plus* fine ear can detect the sound of any common glass types and thickness while ignoring any breakage of non-framed glass or other possible sources of false alarms (keys, telephone ringing, air conditioning, etc.)

## SPECIFICATIONS

### ELECTRICAL:

**Current Consumption:** 20mA at 12 VDC

**Voltage Requirement:** 9-16 VDC

**Alarm contacts:** NC, 24 VDC, 50 mA

**Tamper Contacts:** NC, 24 VDC, 0.5 A.

### ACOUSTIC SENSOR: PHYSICAL:

Omni Directional Microphone.

**Size:** 115 x 63 x 14mm (4.5 X 2.5 X 0.55in) flush mount  
71 x 49.5 x 25mm (2.8x1.9x1in) wall mount

**Wt:** 80 g (2.80 oz)

### GLASS TYPES:

Plate, Laminated, Wired & Tempered

### THICKNESS:

1/8", 3/16" & 1/4" (3mm, 4.8 mm, 6mm)

### ENVIRONMENTAL:

**Operating Temperature:** -10° C to 55° C (32° F to 131° F)

**Storage Temperature:** -20° C to 60° C (-4° F to 140° F)

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Means Quality

## Unique Testing Features:

The added beauty of VITRON plus lies in its easy testing capabilities. Using the VITRON Tester, a Full Remote Test (including alarm relay activation) is easily performed, without opening the unit. This sophisticated Tester has three different levels for testing the full range of existing glass types. In addition by using environmental sounds, an automatic and ongoing self-test is performed by showing a flicker of the LED. In case of a dead microphone, VITRON's LED will blink continuously.

## Commitment to Excellence

VITRON plus is the result of ROKONET's extensive expertise in developing security systems. A company committed to excellence, ROKONET applies the industry's most stringent quality standards to each and every one of its products. With VITRON plus, ROKONET continues its tradition of making customer satisfaction its top priority. It is this philosophy which makes VITRON plus the Glassbreak Detector installers can rely on.

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**ROKONET is an ISO 9000  
approved company committed  
to the highest quality standards**



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**Easy on the eyes - amazing ears**



***With Full Remote Test, no need to open the unit***

*VITRON **plus** microprocessor based glass-break pattern analysis assures detection reliability and prevents false alarms. Full Remote Test makes testing easy. Simple to install the VITRON **plus** is elegantly designed to blend into any decor.*

- Flush (single gang box/Gewiss - RG 70FM/71FM), wall or ceiling mount
- Full remote test - no need to open the unit, just press button on tester
- Advanced glass-breaking pattern analysis
- Easy to install and test
- Protects all glass types: plate, tempered, laminated and wired
- Dead microphone supervision
- Ranges: RG 70/70FM 15 ft./4.5m  
          RG 71/71FM 30 ft./9 m.
- Memory (Latch) indication

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