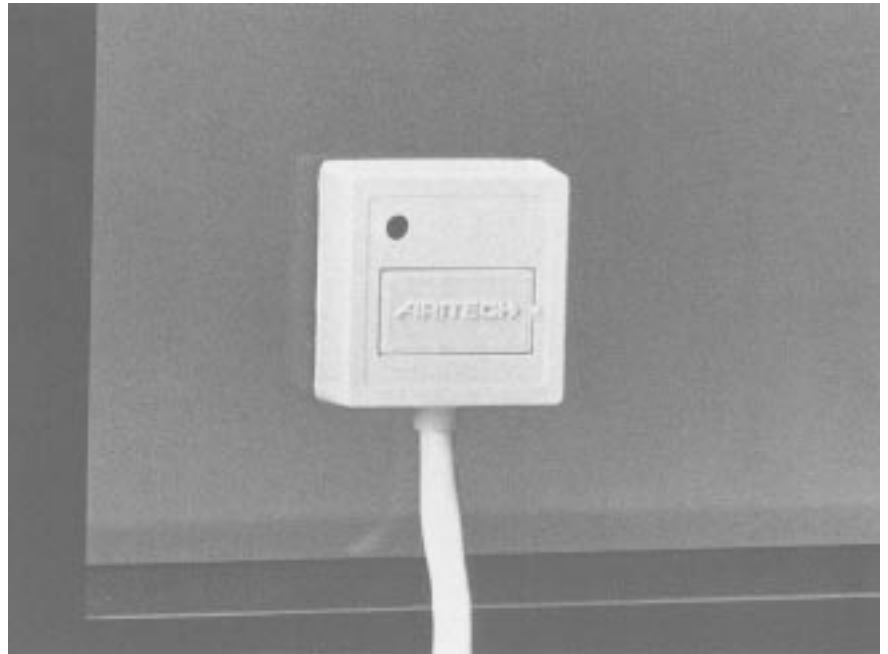


Aritech GS 110 Serie

Glass Break Detectors

- Unobtrusive design
- 2 m radius protection
- Easy to install
- Relay alarm contact
- 10-15 vdc operation
- Low current
- Latching alarm L.E.D.
- Failsafe
- No adjustment
- Tamper proof
- Temperature limit
– 40°C to + 70°C
- Waterproof



The Aritech GS 110 glassbreak detector has been designed using the latest electronic techniques. This enables the detector to contain all the necessary circuitry for excellent detection whilst filtering out and rejecting all unwanted signals that would normally result in a nuisance alarm(s), e.g. ultra-sound, radio frequency interference, etc.

The Model GS 110 will operate from 10-15 vdc, providing a 2 m radius of protection. Suitable for use on standard window glass or plate glass, the GS 110 sensors detect a frequency of 150 Khz which appears when the glass is broken.

Due to the design of the product, the detector may be fitted as close as 2 cm from the window frame and still provide a full 2 m radius coverage on standard glass.

The GS 110 detectors are passive sensors, therefore any number of detectors may be installed on the same window pane without the risk of interaction.

The detector uses a fail-safe, normally closed, open to alarm relay contact enabling compatibility with any standard burglar alarm control equipment.

The output from the relay contact should be connected via the alarm 24 hour guard loop in order to provide early signalling at the control whether the alarm is switched on or off. The alarm is signalled by the opening of the normally closed relay contact: also a latched LED alarm indicator allows identification of the detector which generated the alarm condition. The latched alarm relay and the LED indication is re-set by momentarily

breaking the power to the device(s).

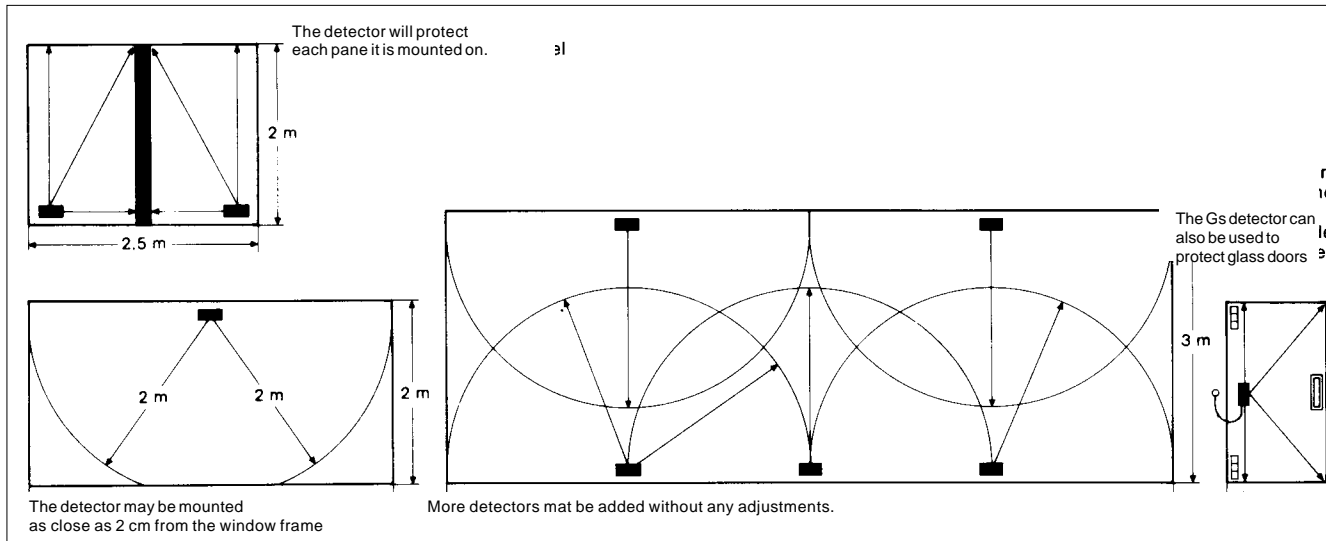
When the GS 110 is required to work on laminated glass or film protected glass, the GS 110 may be used, but care must be taken to fit the detector to the glass and not plastic: also the coverage radius must be reduced by at least fifty per cent.

Available for fixing the GS 110 to the window glass is the recommended GS 116 Adhesive Kit which allows simple, fast, permanent fixing to the glass. To facilitate testing after installation, and during routine maintenance, the GS 115 Test Unit is recommended.

How to order

GS 110	Glass break detector (relay output version)
GS 058	Junction box
GS 115	Test unit
GS 116	Adhesive kit

Application options (on standard glass) (1)



(1) Consult your installation requirements for correct location of detectors.

Technical data

Power	10-15 VDC Standby 10 mA nominal at 12 V, Alarm 26 mA nominal at 12 V
Alarm output	SPST relay NC 100 mA/28 VDC (fail safe)
Coverage pattern	2 metre radius
Environmental limits	-40°C to + 70°C
Dimensions	28 x 28 x 12 mm
Weight	28 g
Colour	white
Cable length	3,0 m

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