

ADT 700

Test device for acoustic glass break detectors

VANDERBILT



Key Features include:

- Compatible with the AD700, AD700-AM, AGB800 and AGB 800-AM acoustic glass break detectors.
- Lightweight and portable.
- Internal rechargeable batteries.
- Quick and simple to use.
- Average test time 30 seconds per detector.
- No access to detectors required with all tests performed from floor level.
- Auto power save function
- DRC Digital Room Compensation

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Description

The ADT 700 is a unique tool for commissioning and testing the function of the AD 700, AD700-AM, AGB800 & AGB800-AM detectors. The ADT700 emits a frequency spectrum; a number of signals with specific frequencies and amplitude. The acoustic signals in the room with the AD 700 detector are recorded by the AD 700 tester with a wide band microphone. The signals are filtered before being processed and evaluated. The microprocessor compensates for early reflections and selects the best algorithms for the position of the detector to ensure maximum detection capacity. The signal undergoes dramatic changes during its journey from the broken glass to the detector. Due to these reflections and the attenuation, the signal looks different depending on distance. The AD 700 therefore has 3 separate ranges and in each range the decision algorithm is different. With the ADT 700 tester it is possible to conduct accurate testing of the range setting. The detector measures the characteristic signal and its processor recommends which setting is optimal for the selected installation.

■ Technical Specifications

Supply voltage (nom. 16 V)	16 ... 18 VDC, via power supply
Signal output	
- DRC mode	90 dB
- Frequency High/Low	4.8Khz/9.2Khz +/- 5%
Controls	
- Start	Enables test unit
- DRC	Digital room compensation program
- Stop	Terminates test
Indications	
Bicolour LED	
- Green LED	Ready for use, battery OK
- Green flashing LED	Battery low
- Red LED	Charging
Ambient conditions	
- Operating temperature	-0 ... +55 °C
- Storage temperature	-20 ... +55 °C
- Humidity (EN60721)	≤ 90% RH, non-condensing
- Housing protection (EN60529)	IP41
Dimensions	217 x 127 x 56mm (handle fully extended)
H x W x D	175 x 127 x 56 mm (top of unit)

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■ Ordering Information

Type	Art.-No.	Description	Weight
ADT700	N54535-Z110-A100	ADT700 Test unit for AD700, AD700-AM, AGB800 & AGB 800-AM c/w PSU	1.193 Kg

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