

## JA-110B Bus acoustic glassbreak detector

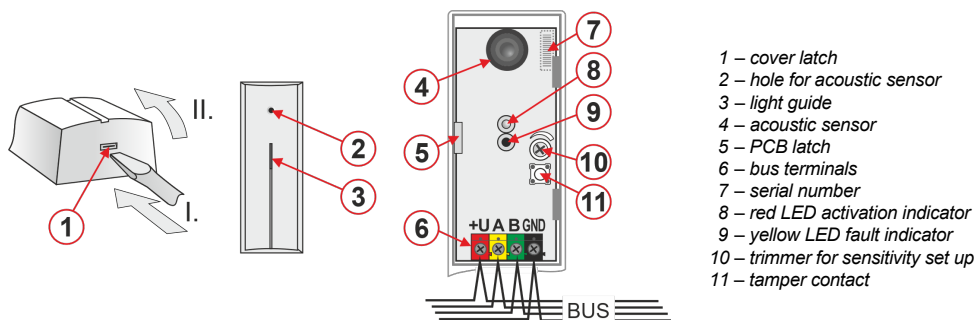
The JA-110B is component of the **JABLOTRON** system. It is used to detect the breaking of glass windowpanes and glass surfaces in buildings. It reacts to the change of air pressure accompanied by the characteristic sound of breaking glass. The detector has a pulse reaction (only reports its triggering). The detector should be installed by a trained technician with a valid certificate issued by an authorized distributor.

### Installation



**When connecting the module to the system bus, always switch the power off.**

1. Open the detector cover by pushing the latch (1) with the flat screwdriver.
2. Take out the PCB – it is held with a latch (5).
3. Insert the bus cable and screw the rear cover part to the wall.
4. Insert PCB back and connect bus cables to the bus terminals (6).
5. Set up the sensitivity of acoustic sensor with the trimmer (10).
6. Close the detector cover.




**Figure 1:** Description of external and internal parts of the product

### Enrolment to the system

Depending on the type of control panel, use the recommended software or application, see the manual of the control panel.

### Technical specifications

Power ..... from the control panel bus 12 V (9...15 V)  
Quiescent current consumption ..... 5 mA  
Maximal current consumption ..... 5 mA  
Recommended installation height ..... 2.5 m above the floor  
Detection distance ..... up to 9 m  
Minimum windowpane size ..... 0.6 x 0.6 m  
Stabilization time after the switching on ..... max. 60 s  
Dimensions ..... 40 x 100 x 22 mm  
Weight ..... 50 g  
Classification ..... Security Grade II / Environmental class II  
(according to EN 50131-1)

Environment ..... indoor general  
Operating temperature range ..... -10 °C to +40 °C  
Average operational humidity ... 75% RH non-condensation  
Certification body ..... Trezor Test s.r.o. (no. 3025),  
Kiwa Nedeland b. v.  
In compliance with ..... EN 50131-1, -2-7-1, T 031,  
EN 50130-4, EN 55032, EN IEC 63000  
Recommended screw ..... 2 x  ø 3.5 x 40 mm  
(countersunk head)



JABLOTRON a.s. hereby declares that the JA-110B is in compliance with the relevant European Union harmonisation legislation: Directives No: 2014/30/EU, 2011/65/EU, when used as intended. The original of the conformity assessment can be found at [www.jablotron.com](http://www.jablotron.com) – the Downloads section.



Note: Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please return the product to the dealer or contact your local authority for further details of your nearest designated collection point.

For an electronic version of this document (available in other languages) or a version for installation in the JA-100+, scan the attached QR code (<https://manuals.jablotron.com/ja-110b>).



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