



## JA-162PB-GR Wireless combined PIR motion and glass-break detector - grey

This device is a component of the JABLOTRON system. It is used for the detection of movement in building interiors and for the detection of breaking glass windows. This detector combines two sensors (PIR motion & GBS acoustic) in one housing. The detector occupies two positions in the system.

○ [Declaration of conformity - JA-162PB-GR \(PDF 688.35 kB\)](#)

### Description

The detector uses a Passive Infra-Red sensor for movement detection. Breaking glass is detected by a Glass Break sensor, which analyses air pressure changes and sounds to detect the breaking of a glass window. The detector should be installed by a trained technician with a valid certificate issued by an authorized distributor.

**This device is compatible with JA-103K, JA-107K, JA-102K control panel units and upper models.**

### Technical specifications

<b>Power</b>	2x Lithium battery CR123A (3.0 V/1.5 Ah) Please note: Batteries are not included.
<b>Typical battery lifetime</b>	approx. 3 years
<b>Low battery voltage</b>	<2.7 V
<b>Quiescent current consumption</b>	50 uA
<b>Maximal current consumption</b>	50 mA
<b>Communication band</b>	868.1 MHz, protocol JABLOTRON
<b>Maximum radio-frequency power (ERP)</b>	<25 mW
<b>RF range</b>	500 m (open area)
<b>Recommended installation height</b>	2.5 m above the floor
<b>PIR detection angle/range</b>	90°/12 m
<b>GBS detection angle/range</b>	90°/9 m

<b>Dimensions</b>	150 x 63 x 40 mm
<b>Weight (w/o batteries)</b>	135 g
<b>Classification</b>	Security grade 2/Environmental class II (according to EN 50131-1)
<b>Environment</b>	indoor general
<b>Operating temperature range</b>	-10 °C to +40 °C
<b>Average operational humidity</b>	75% RH, w/o condensation
<b>Certification body</b>	Trezor Test s.r.o. (no. 3025)
<b>In compliance with</b>	ETSI EN 300 220-1,2, EN 50130-4, EN 55032, EN IEC 62368-1, EN IEC 63000, EN 50131-1, EN 50131-2-2, EN 50131-2-7-1, EN 50131-5-3, EN 50131-6
<b>Can be operated according to</b>	ERC REC 70-03
<b>Recommended screw</b>	2 x $\varnothing$ 3.5 x 40 mm (countersunk head)