

# Wireless ceiling PIR motion detector

Code: JA-155P

The product is a wireless system device for the JABLOTRON 100+. It is designed to detect human body motion inside buildings. Compared to standard motion detectors from the JABLOTRON 100+ series, this detector is designed for ceiling installation.



## Product description:

It is installed on the ceiling and its guaranteed detection coverage is 360° with a capture radius of up to 5.5 m at a mounting height of 3.5 m.

The resistance to false alarms is adjustable at two levels

The detector has a pulse response and occupies one position in the system.

The mounting spacer (PLV-P-ST) is a certified accessory for ceiling detectors; these can be used with wireless detectors to separate the antenna from the mounting surface and thus to potentially improve the range.

## Technical information:

<b>Power</b>	2x lithium batteries, type CR123A (3 V/1500 mAh)		
	Warning: batteries are not included.		
	<b>Number of batteries</b>	1x CR123A	2x CR123A
	<b>Lifetime (Smartwatch mode)</b>	2 years	4 years
<b>Low battery voltage</b>	< 2.4 V		
<b>Communication band</b>	868.1 MHz, JABLOTRON protocol		
<b>RF range</b>	up to 300 m (open area)		
<b>Recommended installation height</b>	2.5 – 3.5 m above the ground level		
<b>Detection coverage</b>	360°/11 m (installation height – 3.5 m)		
<b>Dimensions</b>	Ø 125 x 40 mm		
<b>Weight (without batteries)</b>	124 g		
<b>Classification</b>	security grade 2/II. Indoor general (according to EN 50131-1)		
<b>Operational environment</b>	indoor general		
<b>Operational temperature range</b>	-10 °C to +40 °C		
<b>Average operational humidity</b>	75 % RH, non-condensing		
<b>Certification body</b>	Trezor Test s.r.o. (no. 3025)		

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**Complies with**

EN 50131-1 ed. 2+A1+A2, EN 50131-2-2, EN 50131-5-3+A1,  
ETSI EN 300 220-1,-2, EN 50130-4 ed. 2+A1, EN 55032, EN  
62368-1, EN 50581

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**Can be operated according to**

ERC REC 70-03

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