



JA-152P (G) Wireless PIR motion detector

The product is a wireless system device for the JABLOTRON 100+. It is designed to detect human body motion inside buildings. The guaranteed detection coverage is 90°/12 m. The grey lens option has a white light resistance that significantly exceeds the values prescribed in the standard.

○ [Declaration of conformity - JA-152P \(G\) \(PDF 317.01 kB\)](#)



Description

The detector meets the highest quality and design requirements, making it suitable even for luxurious interiors.

White light resistance helps reduce false alarms caused by illumination through windows, lightning or reflective objects.

The detector provides increased white light resistance, this being well above the values prescribed by the standard (up to 10000 lux).

The detector meets the highest quality and design requirements, making it suitable even for luxurious interiors in all installation versions. Besides standard positioning in a corner of a room it can be installed on a wall surface using an aesthetic JA-196PL-S bracket where the detector is partly recessed and elegantly blends with the wall. For special applications as e.g. ceiling mounting or an inclined detection angle the JA-191PL articulated holder can be used.

The detector has impulse activation.

The detector can be used to control programmable PG outputs.

Technical specifications

Compatible with

F-Link 2.0.0 and higher

Power

1 Lithium battery type CR123A (3 V/1500 mAh)
Please note: Battery not included

Typical battery lifetime

4 years (the longest in smartwatch mode, at 20 °C)

Low battery voltage

< 2.4 V

Current consumption in standby mode

30 µA

Maximum current consumption

100 mA

Communication band

868.1 MHz, JABLOTRON protocol

Communication range

approx. 300 m (open area)

Recommended installation height

2.2 - 2.5 m above the floor

Detection angle/detection coverage	90°/12 m
Dimensions	62 x 110 x 40 mm
Weight (without battery)	90 g
Classification	Security grade 2/Environmental class II (according to EN 50131-1)
Operational environment	Indoor general
Operational temperature range	-10 °C to +40 °C
Average operational humidity	75 % RH, non-condensing
Certification body	Trezor Test s.r.o. (no. 3025)
Complies with	EN 50131-1 ed. 2+A1+A2, EN 50131-2-2, EN 50131-5-3+A1, EN 50131-6 ed. 2+A1, ETSI EN 300 220-1,-2, EN 50130-4 ed. 2+A1, EN 55032, EN 62368-1, EN 50581
Can be operated according to	ERC REC 70-30