

JA-110P Bus PIR motion detector

The JA-110P product is a component of the **JABLOTRON** system. It serves for the detection of human movement in building interiors. Its detection characteristics can be modified by using an alternative lens. The detector should be installed by a trained technician with a valid certificate issued by an authorized distributor.

Installation



Always switch the power off before connecting the detector to the bus.

1. Open the detector cover (by pushing the tab - 5). Avoid touching the PIR sensor inside – you could damage it.
2. Take out the PCB – it is held by tab 3.
3. Punch through the holes for the screws and the cable in the plastic base. The recommended detector installation height is 2.5 m above the floor.
4. Insert the bus cable and attach the plastic base to the wall using screws (vertically, with the cover tab facing downwards).
5. Re-insert the PCB and connect the bus cables to the terminals, then enroll the detector according to the control panel installation manual. Finally close the detector cover.

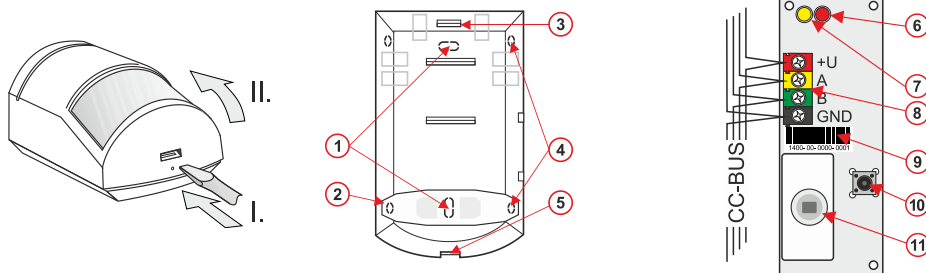


Fig.1: Opening the product and description of internal and external parts of the product.

- 1 – holes for installing on a flat wall
- 2 – holes for installing in a corner
- 3 – PCB tab
- 4 – holes for installing in a corner (with standard lens)
- 5 – cover tab
- 6 – red LED indicator – activation


- 7 – yellow LED indicator – fault
- 8 – digital bus terminals
- 9 – production code
- 10 – tamper contact
- 11 – PIR sensor

Enrollment to the system and settings

According to the type of control panel use recommended software or application - see control panel manual.

Technical specifications

Power.....from the control panel bus, 12 V DC (8...15 V)
Current consumption in standby mode.....5 mA
Current consumption for cable choice (maximal)..... 10 mA
Recommended installation height..... 2.5 m above the floor
Detection angle/detection coverage..... 110 degrees/12 m
(with standard lens)
Dimensions 60 x 98 x 52 mm
Weight..... 75 g
Classification Security grade 2/Environmental class II
(according to EN 50131-1)

Operational environment Indoor general
Operating temperature range..... -10 °C to +40 °C
Average operating humidity..... 75% RH, without condensation
Certification body Trezor Test s.r.o. (no. 3025),
KIWA Nederland B.V.
Complies with.....EN50131-1, EN50131-2-2, EN50130-4,
EN55032, EN 50581, T 031
Recommended screw 2 x  3.5 x 40 mm
(countersunk head)



JABLOTRON a.s. hereby declares that the JA-110P product is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/30/EU, 2011/65/EU if it is used as intended. The original of the conformity assessment can be found at www.jablotron.com - Section Downloads.



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 an installation version in JA-100, scan the attached QR code: <https://manuals.jablotron.com/ja-110p>.



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