# Housing for JA-111R

*It is a plastic housing designed for the JA-111R radio module. The housing is meant to be used when a radio module shall be installed outside the control panel. The product can be installed by a trained technician with a valid certificate issued by an authorised distributor.*

## Installation

When the installation has interference issues it is possible to remove the radio module from the control panel and remount it in a more appropriate place in the protected premises where wireless communication is not negatively influenced. Always keep minimal distance of 2 meters from metal objects, electronic appliances or switchboards. Also the module has a much better RF range when installed at least 2 m from the control panel. When multiple radio modules are assigned to the system, they should not be installed next to each other (in an open area a min. of 10 m or a minimum of one wall must be between them).

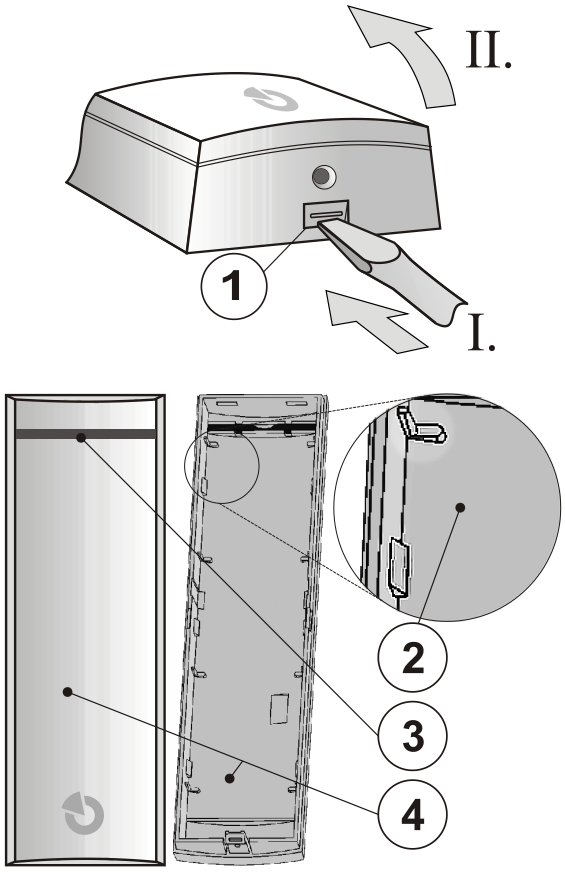



*Figure 1: 1 – Cover tab; 2 – Tab and guide groove for JA-111R radio module fixing; 3 – light lid; 4 – Front cover*

1. Remove the radio module from the radio module holder (7) by disconnection of the bus connector (5) and by releasing the holder tabs (6). Shift the module in the arrow direction (8).
2. Open the plastic cover by pressing the tab (1).
3. Prepare holes for the bus cable (18) in the rear housing part (15).
4. Put the bus cables through.
5. Screw on the rear housing part (15). One of the screws always has to be screwed through the tampering segment (16).

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

**To set the module to comply with security grade 2 use F-Link SW, Parameters tab and the option "Perform EN50131-1". (See the JA-10xK control panel installation manual).**

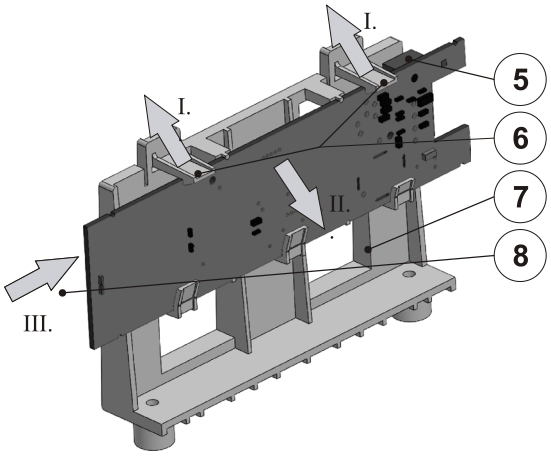



*Figure 2: 5 – bus connector; 6 – holder tabs; 7 – radio module holder to be installed inside a control panel; 8 – radio module shift direction*

6. Put the radio module PCB into the front cover (4). The correct position is given by guide grooves (2).
7. Unplug the bus connector (13) from the PCB and connect the bus cable to it.
8. Plug the bus connector back into the radio module PCB.
9. The bus cable has to be placed in the space behind the cable separator (17), then close the cover of the module.

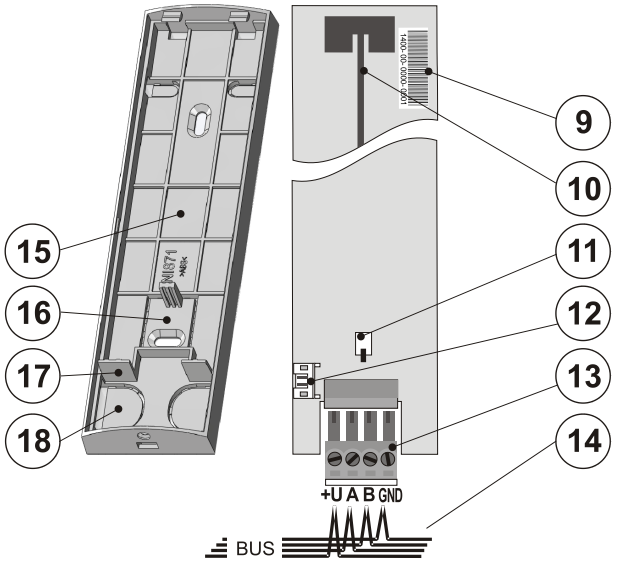



*Figure 3: 9 – production code; 10 – antenna; 11 – tamper contact; 12 – bus connector; 13 – plug and play bus connector; 14 – bus cable; 15 – rear housing part; 16 – segment for detection of tampering; 17 – cable separator; 18 – holes for bus cables*

***Note:*** The enrolling process and setting up the module properties are described in the installation manual of the JA-111R radio module and also in the installation manual of the control panel.

## Technical specifications

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|---|---|
| *Dimensions* | *43 x 160 x 23 mm* |
| *Weight* | *50 g* |
| *Environmental class* | *II. Indoor general (according to EN 50131-1)* |
| *Operational temperature range* | *-10 °C to +40 °C* |
| *Average operational humidity* | *75% RH, non-condensing* |

JABLOTRON a.s. hereby declares that the PLV-JA111R product is in a compliance with the relevant Union harmonisation legislation: Directives No.: 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.

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