



## JA-111R Bus interface for JA-100 wireless devices

The JA-111R radio bus module is used to connect all wireless devices of the JABLOTRON 100+ system. To perfectly cover the supervised premises, up to 3 JA-111R modules can be installed in a system. **Distributed without plastic cover PLV-JA111R.**

o [Declaration of conformity - JA-111R \(PDF 316.81 kB\)](#)



### Description

The electronic unit is installed in the front part of the cover and it is fitted with a slide-in terminal board, which enables convenient connection of cables. In the rear part, there are break-off holes for cables.

The module communicates with the bus of the control panel and is powered by it. The module is designed for installation outside the control panel and it is used as the second or third one in the system. If you need to have a radio module in the control panel, we recommend you to buy a control panel with a radio module – the JA-10xKR-xx unit.

### Technical specifications

<b>Compatible with</b>	F-Link 1.4.0 or higher
<b>Power</b>	from control panel BUS 12 V DC (9 ... 15 V)
<b>Current consumption in standby mode</b>	35 mA
<b>Current consumption for cable selection (maximum)</b>	80 mA
<b>Communication band</b>	868.1 MHz, JABLOTRON protocol
<b>Maximum radio-frequency power (ERP)</b>	25 mW
<b>RF range</b>	300 m
<b>Dimensions</b>	43 x 160 x 23 mm
<b>Weight (PBC only)</b>	70 g
<b>Classification</b>	Security grade 2 / Environmental class II / ACE type B (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

**Certification body**

Trezor Test s.r.o. (no. 3025), Telefication B.V.

**Complies with**

EN 50131-1 ed. 2+A1+A2, EN 50131-3, EN 50131-5-3+A1, ETSI EN 300 220-1-2, EN 50130-4 ed. 2+A1, EN 55032, EN 62368-1, EN 50581, T 031

**Can be operated according to**

ERC REC 70-30