

The product is a wireless detector for the **JABLOTRON** system, designed for emergency detection of water leaks in normal indoor conditions (general indoor environment). Installation is carried out either using a magnetic sticker (included in the package) or by placing the detector freely on the floor. The detector provides IP65 protection and is designed for indoor use and installation by a trained technician with a valid certificate issued by an authorised distributor. A control panel with a JA-11xR radio module is required for operation.

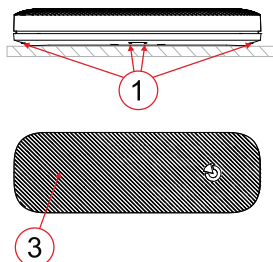


The product is NOT a float level detector and is not intended for permanent immersion, wetting, or operation in locations with high air humidity.

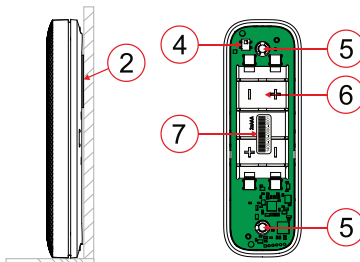
If flooding occurs, open the product after the accident has been rectified, remove the batteries, and allow it to dry thoroughly before further use.

Installation

Horizontal installation



Vertical installation



- 1 – detection pins
- 2 – magnetic stick
- 3 – LED indicator
- 4 – tamper
- 5 – holes for screws
- 6 – battery holder
- 7 – serial number

Picture 1: Types of installation and description of external and internal parts of the product

1. Open the cover of the product and insert batteries to the battery holder (6). Pay attention to the correct polarity of the batteries.
2. When the second battery is inserted into the detector, the learning signal will be transmitted to the control panel. If there is a low battery inserted, the yellow LED flashes (2 Hz).
3. Close the cover, secure cover by putting and tightening the locking screw and check that the product is properly closed. Place the product on the floor (horizontally installation). In the case of this installation, the detector reacts even to a very small amount of liquid.
4. In the case of vertical installation – detector is one side put on the floor and big bottom side is placed on the wall using magnetic sticker (2) located in upper bottom side. Peel off the foil from magnetic sticker and place it on the wall on the chosen place. In the case of installation. In case of vertically installation, the detector reacts to a bigger amount of water.
5. Product is not equipped with a contact of removal from assembly position, only contact for detection open cover. In case of opening the detector transmit a message about the tampering of the device to the system.
6. The product issues alarm/flood whenever any pair of detection pins are connected (1).

Enrolment to the system

Depending on the type of control panel, use the recommended software or application, see the manual of the control panel.

Technical specifications

Power 2x alkaline battery, type AAA (LR03; 1.5 V / 1 Ah)
Please note: Battery not included.
Typical battery lifetime cca 3 years
(for max. 20 activation per day)
Low battery voltage <2.2 V
Quiescent current consumption 14 µA
Maximum current consumption 50 mA
Communication frequency 868.1 MHz, Jablotron protocol
Maximum RF power (ERP) <25 mW
Communication range cca 300 m (open area)

Dimensions 100 x 33 x 15 mm
Weight (without battery) 25 g
Environment indoor general
Operational temperature range -10 °C to +40 °C
Average operational humidity 75%, non-condensation
IP rating IP65
Complies with ETSI EN 300 220-2, EN 50130-4,
EN 55032, EN 62368-1, EN IEC 63000
Can be operated according to ERC REC 70-03



JABLOTRON a.s. hereby declares that the 5FLOOD2302MR is in compliance with the relevant European Union harmonisation legislation: Directives No: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU, when used as intended. The original of the conformity assessment can be found at www.jablotron.com – the Downloads section.



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 a version for installation in the JA-100+, scan the attached QR code: <https://manuals.jablotron.com/ja-151f>.



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