

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 issued by an authorised distributor. A control panel with a JA-11xR radio module is required for operation.

This product is compatible with JA-102K, JA-103K, JA-107K, JA-152KRY.



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

Installation

Installation may be realized in two ways:

- horizontal** installation – **freestanding** – all pins are facing downwards,
- vertical** installation – installed **on a wall** – a pair of detection pins is facing downwards.

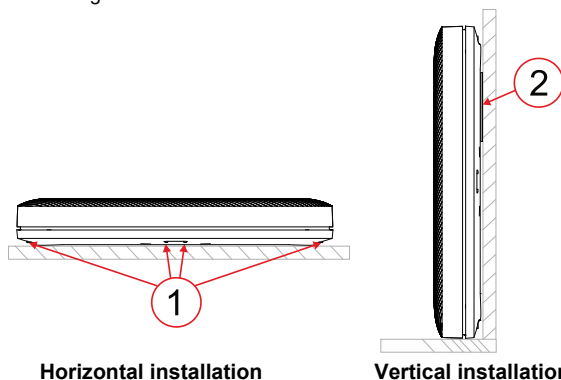


Figure 1: Types of installation and description of external parts of the product
1 – detection pins; 2 – magnetic sticker

Installation

- To enrol the product to a control panel unit, access the **Devices** tab within the F-Link software, select a position and click the **"Send enrolment signal"** button to enrol the product. The control panel must be equipped with a JA-11xR radio module.
- Open the product cover and insert the (AAA) batteries into the battery holder (6). Mind the correct polarity.
- When the second battery is inserted into the detector, an enrolment signal will be transmitted to the control panel. If a weak battery is inserted, the LED (3) will flash yellow (at 2 Hz).
- In the case of horizontal installation - Close the product cover, secure the cover with locking screws and check that the product is properly closed. Place the product flat in the intended location on the floor. If the horizontal installation type is utilized, the detector detects very small amounts of liquid.
- In the case of vertical installation - Close the product cover, secure the cover with locking screws and check that the product is properly closed, and position the product in such a way that it rests on one side of the ground. Attach the magnetic sticker (2) to the built-in metal plate at the rear side of the product, see Fig. 1. If the vertical installation type is utilized, the detector responds to a larger amount of liquid (due to a higher level).
- The product is not equipped with a product removal detection contact; it is however equipped with a contact to detect opening of its cover. If the cover is opened, the detector transmits a tamper alert to the system. It is an optional function that may be configured within the MyCompany app or F-Link software.
- The product reports an alarm/flood whenever any pair of detection pins (1) are connected.

Note: The product may also be enrolled into a system by entering its serial number.

Recommendation: It is most suitable to install the product in a location that is most prone to water leakage, or in a place with the steepest inclination.

Indication

Product indicates status by LED indicators.

Red – indicates activation of the product or active tamper.

Yellow – indicates faults and whether the product is ready to be enrolled to the system.

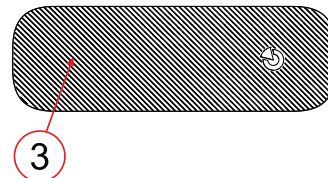


Figure 2: 3 – LED indicator

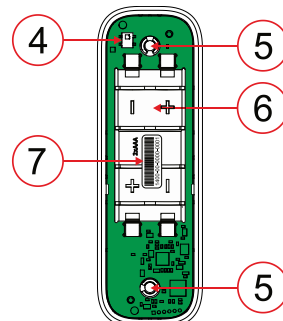


Figure 3: Description of internal parts of the product
4 – tamper; 5 – screw hole; 6 – battery holder; 7 – serial number

Maintenance

Battery replacement

When a battery change is required, the product reports a (low battery) fault to the system. Before replacing the batteries, the system must be switched to Service or Maintenance mode. When replacing the batteries and opening the product, ensure that the rubber seal around the edge of the cover and the locking screw is not damaged. After replacing the batteries, make sure the seal around the screw is in place, and use the locking screw to ensure that the product is properly closed. Both batteries must be replaced simultaneously, it is necessary to always utilize new batteries.

End of flood detection

If flooding occurs, open the product after the accident has been cleared, remove the batteries, and allow it to dry thoroughly before using it again.

Technical specifications

Power	2x alkaline battery, type AAA (LR03; 1.5 V / 1 Ah) <i>Note: batteries are not included.</i>
Typical battery lifetime	approx. 3 years (with max. 20 activations / day)
Low battery voltage	<2,2 V
Quiescent current consumption	14 µA
Maximal current consumption	50 mA
Communication frequency	868.1 MHz, Jablotron protocol
Maximal RF power (ERP)	<25 mW
Communication range	cca 300 m (open area)
Dimensions	100 x 33 x 15 mm
Weight (without batteries)	25 g
Environment	Indoor general
Operating temperature range	-10 °C to +40 °C
Average operating humidity	75% RH, non-condensation
Detector cover conformance	IP65
In compliance with	ETSI EN 300 220-2, EN 50130-4, EN 55032, EN 62368-1, EN IEC 63000 ERC REC 70-03

Can be operated according to



JABLOTRON a.s. hereby declares that the 5FLOOD2302MR is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU. 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.